

Field Plots

1934

U. S. DEPARTMENT OF AGRICULTURE

BUREAU OF PLANT INDUSTRY

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

EXPLANATIONS OF HEADINGS AND ABBREVIATIONS OF TERMS USED.

SIZE OF PLOT.—Decimal fractions of an acre, as 0.1, 0.025, or, in the case of nursery rows, length in feet.

RATE OF SEEDING.—In pecks per acre.

DATES.—In figures, as 9/15 (=Sept. 15).

STAND.—In thousands of plants per acre wherever possible; otherwise in percentages.

SPRING SURVIVAL.—Given in percentages based on number of plants per acre surviving the winter as compared with stand the previous fall.

MANNER OF GROWTH.—e.=erect; sp.=spreading (of value in distinguishing spring and winter grains).

HEIGHT.—Given in inches; in the case of bearded varieties, measure to tip of heads, not to tip of beards.

INFECTION:

Smut and bunt.—Notes taken at time of ripening. State percentage of infected heads. For example, if 10 heads out of 100 are smutted, the infection is 10 per cent.

Leaf rust.—Taken at time of full heading; state the proportion of infected surface in accordance with the accompanying scale.

Stem rust.—Taken at time of ripening; express in percentages as for leaf rust.

LODGING.—Given in percentages of plants lodged at time of ripening.

SHATTERING.—Given in percentages of shattered grain when fully ripe.

YIELD:

Total weight of crop.—Weight of total crop from plot both grain and straw, in grams, ounces, or pounds.

Grain per plot.—Grams, ounces, or pounds of threshed grain.

Straw per plot.—Difference between two preceding weights.

YIELD PER ACRE.—Calculated from plot yield, in bushels of legal weight; wheat, 60 pounds; oats, 32 pounds; barley, 48 pounds; rye, 56 pounds; emmer and spelt, 32 pounds; flax, 56 pounds; proso, 56 pounds; buckwheat, 48 pounds; rice, 45 pounds.

WEIGHT PER BUSHEL.—Actual weight as determined by the grain tester.

GENERAL DATA.

In case of the series of row or plot tests it is desirable to have all the constant conditions recorded for future reference. For these data the pages following may be used. The sample page shows the manner in which the general notes may be entered. In case several sets of experiments are recorded in a single book the conditions governing each may be given, the heading at the top of the page showing to which particular test the notes refer. The blank pages may be used for additional data, particularly to record the high, low, and mean temperatures, the rainfall, and the number of clear days for each month covered by the experiment.

SCALE FOR ESTIMATING RUST.

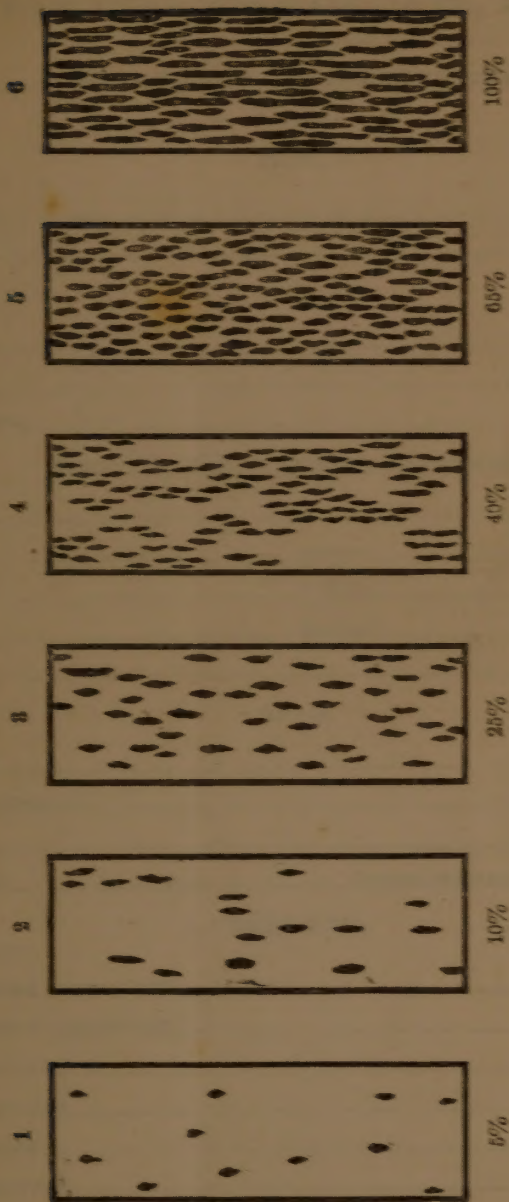
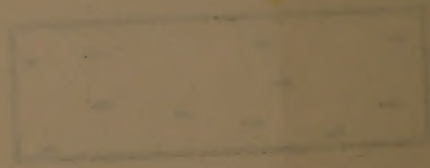
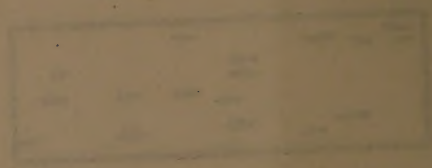
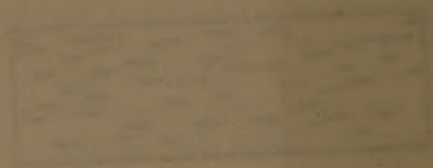
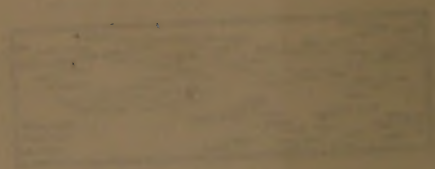


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust, these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.



SAMPLE PAGE.

VARIETAL TEST OF OATS, 1908.

CONDITIONS OF EXPERIMENT.

PLOT.

Location.....Field H.

Size.....~~1/20 acre~~

SOIL.

Kind.....Prairie loam.

Position.....Somewhat rolling.

Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY.

Plow.....

Disk.....Osborn.....Sharp.

Harrow.....U Bar.....Good.

Seeder.....Monitor.....Good.

SEED.

Variety.....Variable.

Weight per bushel.....Variable.

Source.....Variable.

Treatment.....Fanned clean and treated for smut.

SEED BED.

Preparation:

1. Disked (lapped half).....4-6-'08.

2. Disked (lapped half).....4-10-'08.

3. Harrowed.....4-10-'08.

4. Harrowed.....4-27-'08.

5. Seeded.....4-27-'08.

6. Harrowed.....4-27-'08.

SEEDING.

Manner.....Drilled.

Date.....4-27-'08.

Rate.....3 bushels per acre by weight.

Varietal TEST OF *Rice*, 19*34*

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size *5 1/3 x 163.4* *feet* (*1/50 acre*)

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

VARIETY,	Colusa	
C. I. No.,	1600	
T.S. No.,	19798	
Plot No.	1	101
Size of plot,		
Rate of seeding,		
RATE:		
Sown,		
Emerged,		
First heading,	7/23	7/24
Fully headed,	8/2	8/2
First ripe,	8/13	8/12
Fully ripe,	8/25	8/25
Harvested,	8/30	8/30
Stand,	87	85
Spring survival,		
Manner of growth,		
Height of plant,	41	39
Lodging,		
Shattering,		
INFECTION:		
Covered smut,		
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	59.25	42.0
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	44.0	43.0
REMARKS:		

Yield in pounds per Acre determined by multiplying total yield in pounds from all four series by 12.50

201

301

7/24

8/2

8/3

8/25

8/30

85

42

50.25

44.0

7/23

8/1

8/10

8/25

8/30

80

43

60.75

45.0

7/23

~~8-2~~~~8-12~~

8-25

~~8-30~~

84

41

212.25

2653

~~44~~

59.0 hrs.

VARIETY,	Edith	
C. I. No.,	2127	
T.S. No.,	19805	
Plot No.	2	102
Size of plot,		
Rate of seeding,		
EATE:		
Sown,		
Emerged,		
First heading,	7/27	7/27
Fully headed,	8/9	8/9
First ripe,	8/18	8/17
Fully ripe,	8/29	8/29
Harvested,	8-30	8/30
Stand,	90	87
Spring survival,		
Manner of growth,		
Height of plant,	46	42
Lodging,		
Shattering,		
INFECTION:		
Covered smut,		
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	48.0	37.0
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	40.0	40.0
REMARKS:		

202

302

7/28

8/9

8/18

8/29

8/31

80

46

48.25

41.0

7/27

8/8

8/16

8/29

8/31

85

49

66.50

199.75

2497

42.0 41.0

55.5

VARIETY,
C. L. No., 5451

Lady Wright
T.S. No., 19803

Plot No.

3

103

Size of plot,
Rate of seeding,
RATE:
Sown,
Emerged,
First heading,
Fully headed,
First ripe,
Fully ripe,
Harvested,
Stand,
Spring survival,
Manner of growth,
Height of plant,
Lodging,
Shattering,
INFECTION:
Covered smut,
Loose smut,
Stem rust,
Leaf rust,
YIELD:
Total crop,
Grain per plot,
Straw per plot,
Acre yield (bus.),
Bushel weight,
REMARKS:

7/27

8/9

8/18

8/29

8/30

87

45

7/27

8/9

8/18

8/29

8/30

87

42

42.25

38.25

40.0

39.0

203

303

7/27

8/8

8/18

8/28

8/31

80

46

53.50

42.0

7/27

8/8

8/18

8/28

8/31

85

48

68.50

202.50

2531

411.0 (41)

56.2 km

VARIETY,	LW-10	
C. I. No.,		
TS. No.,	19903	
Plot No.	4	104
Size of plot,		
Rate of seeding,		
RATE:		
Sown,		
Emerged,		
First heading,	8/3	8/3
Fully headed,	8/13	8/13
First ripe,	8/21	8/21
Fully ripe,	8/30	8/30
Harvested,	8/31	8/31
Stand,	85	85
Spring survival,		
Manner of growth,		
Height of plant,	48	45
Lodging,		
Shattering,		
INFECTION:		
Covered smut,		
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	44.25	41.25
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	41.0	40.0
REMARKS:		

7 204

304

8/4
 8/15
 8/21
 8/21
 9/6
 80

47

50.75

42.0

8/2 8-3
 8/12
 8/20
 8/21 8-31
 9/6
 83 83

50 48

66.00

202.35

2528

39.0 (41)

56.2^{lw}

Early Prolific

VARIETY,
C. I. No., 5883
T.S. No., 19801
Plot No.

5

105

Size of plot,
Rate of seeding,

RATE:

Sown,

Emerged,

First heading,

Fully headed,

First ripe,

Fully ripe,

Harvested,

7/28

8/9

8/21

8/28

8/30

8/7

7/29

8/9

8/21

8/29

8/30

8/7

Stand,

Spring survival,

Manner of growth,

Height of plant,

Lodging,

Shattering,

INFECTION:

Covered smut,

Loose smut,

Stem rust,

Leaf rust,

YIELD:

Total crop,

Grain per plot,

Straw per plot,

Acre yield (bus.),

Bushel weight,

39.75

37.77

40.0

40.0

REMARKS:

*Cut border
rows separate*

205

305

7/28

8/9

8/22

8/29

8/31

85

47

61.09

43.0

7/27 7-28

8/9

8/17

8/29 8-29

8/31

85

86

48 46

71.67

210.28

2629

43.0 42

58.4 km.

VARIETY,

Storm Proof

C. I. No., 7705

T.S. No., 19804

Plot No.

6

106

Size of plot,

Rate of seeding,

RATE:

Sown,

Emerged,

First heading,

Fully headed,

First ripe,

Fully ripe,

Harvested,

Stand,

Spring survival,

Manner of growth,

Height of plant,

Lodging,

Shattering,

INFECTION:

Covered smut,

Loose smut,

Stem rust,

Leaf rust,

YIELD:

Total crop,

Grain per plot,

Straw per plot,

Acre yield (bus.),

Bushel weight,

REMARKS:

7/28

8/11

8/14

8/28

8/30

90

48

41.25

41.0

7/28

8/11

8/14

8/29

8/30

87

44

39.00

41.0

206

306

7/31
 8/12
 8/19
 8/20
 9/6
 85

48

56.50

44.0

7/28 7-29
 8/10
 8/14
 8/20 8-29
 9/6
 89 87

48 47

64.00
 200.95
 2509
 44.0 43

55.8 hr.

VARIETY,	Honduras	
C. L. No., 1643		
T.S. No., 20016		
Plot No.	7	107
Size of plot,		
Rate of seeding,		
RATE:		
Sown,		
Emerg'd,		
First heading,	7/31	8/1
Fully headed,	8/12	8/13
First ripe,	8/15	8/16
Fully ripe,	8/30	8/30
Harvested,	8/20	8/30
Stand,	87	87
Spring survival,		
Manner of growth,		
Height of plant,	47	47
Lodging,		
Shattering,		
INFECTION:		
Covered smut,		
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	32.25	30.75
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	40.0	41.0
REMARKS:		

207

307

8/2

8/13

8/19

8/21

9/6

80

50

50.25

44.0

7/31

8-1

8/11

8/18

8/21

8-31

9/6

83

84

50

49

53.00

166.25

2078

42.0 4246.2 in

VARIETY,		Shoemed	
C. I. No.,	3625		
T.S. No.,	19889		
Plot No.		8	108
Size of plot,			
Rate of seeding,			
RATE:			
Sown,			
Emerged,			
First heading,	8/6		8/6
Fully headed,	8/13		8/13
First ripe,	8/23		8/24
Fully ripe,	9/6		9/7
Harvested,	9/8		9/8
Stand,	87		87
Spring survival,			
Manner of growth,			
Height of plant,	47		48
Lodging,			
Shattering,			
INFECTION:			
Covered smut,			
Loose smut,			
Stem rust,			
Leaf rust,			
YIELD:			
Total crop,			✓
Grain per plot,	49.25		45.25
Straw per plot,			
Acre yield (bus.),			
Bushel weight,	49.0		49.0
REMARKS:			

208

308

8/6
 8/15
 8/26
 9/7
 9/8
 80

50

64.0

50.0

8/4 9-6
 8/12
 8/24
 9/5 9-6
 9/8
 85 85

50 49

6275

226.25

282.8

50.0 (50)

62.8 line

VARIETY,	Delitus	
C. I. No.,	1206	
T.S. No.,		
Plot No.	9	109
Size of plot,		
Rate of seeding,		
RATE:		
Sown,		
Emerged,		
First heading,	8/7	8/7
Fully headed,	8/15	8/15
First ripe,	8/23	8/23
Fully ripe,	9/6	9/6
Harvested,	9/8	9/8
Stand,	90	90
Spring survival,		
Manner of growth,		
Height of plant,	49	49
Lodging,		
Shattering,		
INFECTION:		
Covered smut,		
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	42.00	43.75
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	43.0	44.0
REMARKS:		

209

309

8/7
 8/17
 8/24
 9/7
 9/8
 90

8/6 8-7
 8/14
 8/23
 9/5 9-6
 9/8
 90 90

51

51 50

54.75

53.75

44.0

194.25

24.8

44.0 (44)

54.0 hr

VARIETY,		Caloro	
C. I. No., 1561-1			
T.S. No., 19799			
Plot No.		10	110
Size of plot,			
Rate of seeding,			
RATE:			
Sown,			
Emerged,			
First heading,		8/8	8/8
Fully headed,		8/15	8/15
First ripe,		8/26	8/26
Fully ripe,		9/7	9/7
Harvested,		9/8	9/8
Stand,		85	85
Spring survival,			
Manner of growth,			
Height of plant,		40	40
Lodging,			
Shattering,			
INFECTION:			
Covered smut,			
Loose smut,			
Stem rust,			
Leaf rust,			
YIELD:			
Total crop,			
Grain per plot,		47.81	46.84
Straw per plot,			
Acre yield (bus.),			
Bushel weight,		45.0	44.0
REMARKS:			
Cut border rows separate			

210

310

$\frac{8}{7}$
 $\frac{8}{115}$
 $\frac{8}{126}$
 $\frac{9}{7}$
 $\frac{9}{8}$
 $80 -$

43

61.81

47.0

$\frac{8}{6}$ 8-7
 $\frac{8}{114}$
 $\frac{8}{126}$
 $\frac{9}{7}$ 9-7
 $\frac{9}{8}$
 85 84

43 42

67.11
 223.57
 2795
 44.0

(45)

62.1 km

VARIETY,	Nira	
C. I. No.,	2702	
T.S. No.,	19926	
Plot No.	11	111
Size of plot,		
Rate of seeding,		
RATE:		
Sown,		
Emerged,		
First heading,	8/21	8/21
Fully headed,	8/30	8/31
First ripe,	9/8	9/9
Fully ripe,	9/21	9/21
Harvested,	10/13	
Stand,	83	83
Spring survival,		
Manner of growth,		
Height of plant,	58	58
Lodging,		
Shattering,		
INFECTION:		
Covered smut,		
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	44.75	51.25
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	44.0	45.0
REMARKS:		

211

311

8/23
 9/1
 9/10
 9/24

75

59

53.75

46.0

8/20 8-21

8/31

9/8

9/22 9-22

83 81

59 59

56.00

205.75

2572.

46.0

(45)

57.2

Texas Fortuna

VARIETY,
C. I. No., 1344
T.S. No., 9821
Plot No.

12

112

Size of plot,

Rate of seeding,

RATE:

Sown,

Emerged,

First heading,

Fully headed,

First ripe,

Fully ripe,

Harvested,

Stand,

Spring survival,

Manner of growth,

Height of plant,

Lodging,

Shattering,

INFECTION:

Covered smut,

Loose smut,

Stem rust,

Leaf rust,

YIELD:

Total crop,

Grain per plot,

Straw per plot,

Acre yield (bus.),

Bushel weight,

REMARKS:

8/19

8/28

9/6

9/20

10/1

83

55

55

55.64

43.0

8/20

8/29

9/6

9/20

83

53

63.89

44.0

*Out border
rows separate*

212

312

8/21
8/30
9/7
9/21

75

56

51.67

43.0

8/20 8-20
8/29
9/5
9/20 9-20

85 82

55 55

55.30
226.50
283/
42.0

(43)

62.9 Ann.

VARIETY,	Acadia	
C. I. No., 1988		
T.S. No., 19800		
Plot No.	13	113
Size of plot,		
Rate of seeding,		
RATE:		
Sown,		
Emerged,		
First heading,	8/15	8/15
Fully headed,	8/26	8/27
First ripe,	9/9	9/8
Fully ripe,	9/20	9/20
Harvested,	10/1	
Stand,	75	75
Spring survival,		
Manner of growth,		
Height of plant,	43	42
Lodging,		
Shattering,		
INFECTION:		
Covered smut,		
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	50.00	56.75
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	44.0	47.0
REMARKS:		

8-72

213

313

8/18
8/28
9/10
9/22

50

45

40.50

47.0

8/17 8-16
8/28
9/10
9/22 9-21

75 69

44 44

59.25

206.50
2581.

47.0 46

57.4 hrs.

Supreme Blue Rose

VARIETY,
C. I. No., 5793
T. S. No., 19802
Plot No.

14

114

Size of plot,

Rate of seeding,

RATE:

Sown,

Emerged,

First heading,

Fully headed,

First ripe,

Fully ripe,

Harvested,

Stand,

Spring survival,

Manner of growth,

Height of plant,

Lodging,

Shattering,

INFECTION:

Covered smut,

Loose smut,

Stem rust,

Leaf rust,

YIELD:

Total crop,

Grain per plot,

Straw per plot,

Acre yield (bus.),

Bushel weight,

REMARKS:

8/22

8/31

9/12

9/26

10/1

87

46

46.95

43.0

8/22

8/30

9/12

9/26

87

45

59.51

44.0

Cut border
rows separate

214

314

8/23

9/1

9/12

9/26

80

48

63.62

45.0

8/22

8-22

9/1

9/12

9/26 9-26

87

86

46

46

54.11

224.19

2802.

45.0

44

62.3 line

VARIETY,	Iola	
C. I. No.,	4559	
T.S. No.,	19950	
Plot No.	15	115
Size of plot,		
Rate of seeding,		
RATE:		
Sown,		
Emerg'd,		
First heading,	9/8	9/7
Fully headed,	9/19	9/18
First ripe,	9/22	9/22
Fully ripe,	10/9	10/9
Harvested,	10/15	10/15
Stand,	85	87
Spring survival,		
Manner of growth,		
Height of plant,	52	55
Lodging,		
Shattering,		
INFECTION:		
Covered smut,		
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	53.75	64.00
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	43	44
REMARKS:		

215

315

9/10
 9/20
 9/23
 10/11
 10/15
 70

54

52.75

43

9/8 9-8
 9/20
 9/23
 10/11 10-10
 10/15
 85 82

53 54

52.00

222.50

43 2781

61.8 hr

VARIETY,

Rexoro

C. I. No., 1779

T.S. No., 19806

Plot No.

16

116

Size of plot,

Rate of seeding,

DATE:

Sown,

Emerg'd,

First heading,

Fully headed,

First ripe,

Fully ripe,

Harvested,

Stand,

Spring survival,

Manner of growth,

Height of plant,

Lodging,

Shattering,

INFECTION:

Covered smut,

Loose smut,

Stem rust,

Leaf rust,

YIELD:

Total crop,

Grain per plot,

Straw per plot,

Acre yield (bus.),

Bushel weight,

REMARKS:

87

87

9/17
9/27
10/6
10/189/17
9/27
10/6
10/18

66.47

70.72

46.

47

216

316

9/19
9/28
10/8
10/19

75
4

9/18 9/18
9/29
10/9
10/20 10-19

85 84

6204

47

60.44

259.67

46 3246.

Some lodging,
due to stem Rot
2003.

72.1 bu

Bulked-Hybrid Plots

VARIETY,	Rexoro x Delitus		Rexoro x
C. I. No.,			322A
No.,	321A	50	502
Plot No.	Follows Rexoro 116		
Size of plot,			
Rate of seeding,			
RATE:			
Sown,			
Emerged,			
First heading,			
Fully headed,			
First ripe,			
Fully ripe,			
Harvested,			
Stand,			
Spring survival,			
Manner of growth,			
Height of plant,			
Lodging,			
Shattering,			
INFECTION:			
Covered smut,			
Loose smut,			
Stem rust,			
Leaf rust,			
YIELD:			
Total crop,			
Grain per plot,			
Straw per plot,			
Acre yield (bus.),			
Bushel weight,			
REMARKS:			

T. Fortune	Rexoro x S. Blue Rose 323A	Rexoro x C. J. 5094 324A
	503	504

VARIETY,	Blue Rose x Carolina		Imp. Blue
C&L No.,	Gold		2920A
No.,			
Plot No.	505		506
Size of plot,			
Rate of seeding,			
RATE:			
Sown,			
Emerged,			
First heading,	7/26		7/30
Fully headed,			
First ripe,			
Fully ripe,			
Harvested,			
Stand,			
Spring survival,			
Manner of growth,			
Height of plant,			
Lodging,			
Shattering,			
INFECTION:			
Covered smut,			
Loose smut,			
Stem rust,			
Leaf rust,			
YIELD:			
Total crop,			
Grain per plot,			
Straw per plot,			
Acre yield (bus.),			
Bushel weight,			
REMARKS:			

Rose x Fortuna	long-grain Short-grain	x Grosses	long-grain x Medium-grain	x Grosses
	507		508	

7/20

7/21

VARIETY,	Medium-grain X		
C. I. No.,	Short-grain Crosses		
No.,			
Plot No.	509		
Size of plot,			
Rate of seeding,			
RATE:			
Sown,			
Emerged,			
First heading,			7/27
Fully headed,			
First ripe,			
Fully ripe,			
Harvested,			
Stand,			
Spring survival,			
Manner of growth,			
Height of plant,			
Lodging,			
Shattering,			
INFECTION:			
Covered smut,			
Loose smut,			
Stem rust,			
Leaf rust,			
YIELD:			
Total crop,			
Grain per plot,			
Straw per plot,			
Acre yield (bus.),			
Bushel weight,			
REMARKS:			

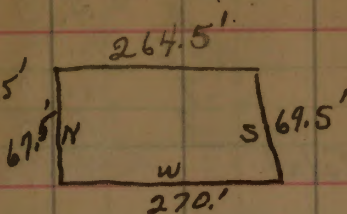
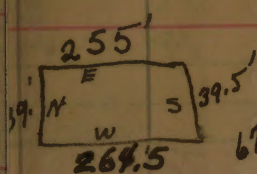
LW-10

Nifa

Increase Increase

Area =

Area =



Wt = 567#

Wt =

Acre yield =

Acre yield =

Border Effect Studies

VARIETY,		Early Prolific			Sup.	
C. I. No.,		Plot No.	Row No.	Wt. (lbs.)	Plot No.	Row
No.,		5	1	7.67		1
Plot No.			2	4.10		2
Size of plot,		4-6		16.75	14	4-6
Rate of seeding,		7		4.28		7
RATE:		8		6.95		8
Sown,		Total		39.75	Total	
Emerged,						
First heading,	105	1		7.02		1
Fully headed,		2		4.38		2
First ripe,		4-6		15.50	114	4-6
Fully ripe,		7		4.21		7
Harvested,		8		6.66		8
Stand,		Total		37.77	Total	
Spring survival,						
Manner of growth,	205	1		9.81		1
Height of plant,		2		7.19		2
Lodging,		4-6		26.50	214	4-6
Shattering,		7		6.81		7
INFECTION:		8		10.78		8
Covered smut,		Total		61.09	Total	
Loose smut,						
Stem rust,	305	1		11.22		1
Leaf rust,		2		10.73		2
YIELD:		4-6		29.75	314	4-6
Total crop,		7		7.85		7
Grain per plot,		8		12.12		8
Straw per plot,		Total		71.67	Total	
Acre yield (bus.),						
Bushel weight,						

REMARKS:

Conducted on Replicated Field Plots. 20

Blue Rose			Caloro			Tex. Fortuna		
Wt. (lbs.)	Plot No.	Row No.	Wt. (lbs.)	Plot No.	Row No.	Wt. (lbs.)	Plot No.	Row No.
8.93	10	1	7.38	12	1	9.35		
5.44		2	5.35		2	6.56		
20.25		4-6	21.75		4-6	23.75		
5.05		7	5.42		7	5.79		
7.28		8	7.91		8	10.19		
<u>46.95</u>		Total	<u>47.81</u>		Total	<u>55.64</u>		
11.77	110	1	6.92	112	1	10.92		
6.67		2	5.31		2	7.17		
24.00		4-6	21.25		4-6	28.25		
6.28		7	6.37		7	6.73		
10.79		8	6.99		8	10.82		
<u>59.51</u>		Total	<u>46.84</u>		Total	<u>63.89</u>		
11.68	210	1	8.87	212	1	8.25		
7.50		2	6.53		2	5.98		
25.75		4-6	29.50		4-6	21.75		
7.53		7	6.95		7	5.63		
11.16		8	9.96		8	10.06		
<u>63.62</u>		Total	<u>61.81</u>		Total	<u>51.67</u>		
10.71	310	1	10.20	312	1	9.21		
6.09		2	7.78		2	6.95		
22.75		4-6	31.00		4-6	23.75		
5.89		7	7.42		7	6.32		
8.67		8	10.71		8	9.07		
<u>54.11</u>		Total	<u>67.11</u>		Total	<u>55.30</u>		

VARIETY,	Rexoto		
C. I. No.,	Plot No.	Row No.	Wt. (lbs.)
No.,		1	11.10
Plot No.		2	7.75
Size of plot,	16	4-6	28.25
Rate of seeding,		7	7.85
RATE:		8	11.52
Sown,	Total		66.47
Emerged,			
First heading,		1	12.90
Fully headed,		2	7.73
First ripe,	116	4-6	30.00
Fully ripe,		7	7.55
Harvested,		8	12.54
Stand,	Total		70.72
Spring survival,			
Manner of growth,		1	10.85
Height of plant,		2	7.38
Lodging,	216	4-6	27.00
Shattering,		7	6.63
INFECTION:		8	10.18
Covered smut,	Total		62.04
Loose smut,			
Stem rust,		1	9.52
Leaf rust,		2	6.24
YIELD:	316	4-6	27.00
Total crop,		7	6.89
Grain per plot,		8	10.79
Straw per plot,	Total		60.44
Acre yield (bus.),			
Bushel weight,			
REMARKS:			

Milling Data

VARIETY,

C. I. No.,

No.,

Plot No.

Size of plot,

Rate of seeding,

RATE:

Sown,

Emerged,

First heading,

Fully headed,

First ripe,

Fully ripe,

Harvested,

Stand,

Spring survival,

Manner of growth,

Height of plant,

Lodging,

Shattering,

INFECTION:

Covered smut,

Loose smut,

Stem rust,

Leaf rust,

YIELD:

Total crop,

Grain per plot,

Straw per plot,

Acre yield (bus.),

Bushel weight,

REMARKS:

Total
g.

Hd
g.

78.5

72.7

75.1

55.9

75.2

64.7

76.5

64.3

73.8

60.2

73.0

55.6

72.0

54.2

77.6

54.2

74.1

59.7

79.9

69.1

69.3

26.3

76.

52.0

80.9

74.5

75.2

58.8

76.7

52.1

76.1

45.5

	Row no	Tot	Hd	23
very high	X 242	-72.5	-61.4	-.3
filled	X 284	-74.3	-67.7	-.4
90	X 232	-74.4	-61.2	-.6
0	X 207	-76.2	-67.5	-1.0
.4	X 237	-75.6	-67.4	-.8
	X 277	-77.6	-70.3	0
0	1164	-76.0	-70.2	-.8
.7	X 239	-72.2	-54.6	-1.0
	1125	-74.8	-56.1	.4
1.0	X 230	-74.0	-59.2	-1.6
	X 218	-74.2	-64.8	-1.0
.3	1160	76.7	72.5	-.3
			6	
1.2				
.6				
.8				
0				
.4				
.5				
.2				
.2				
.6				

973
1046

1.87
25.10
2697
53.94

VARIETY,	
C. I. No.,	
No.,	1849-20-378-2.8
Plot No.	
Size of plot,	1848-30-739-15.1
Rate of seeding,	
RATE:	1818-10-662-19.6
Sown,	
Emerged,	1818-20-427-13.1
First heading,	
Fully headed,	1818-30-383.-11.0
First ripe,	
Fully ripe,	1815-10-329-9.8
Harvested,	
Stand,	1815-20-465-14.0
Spring survival,	
Manner of growth,	1815-30-273-8.1
Height of plant,	
Lodging,	1802-10-864-18.3
Shattering,	
INFECTION:	1802-20-762-16.1
Covered smut,	
Loose smut,	1802-38-925-17.7
Stem rust,	
Leaf rust,	1823-10-353-10.5
YIELD:	
Total crop,	1823-20-400-12.0
Grain per plot,	
Straw per plot,	1823-30-289-9.2
Acre yield (bus.),	
Bushel weight,	
REMARKS:	1841-151-3.15 ✓

1844-	145	-	3.2	✓
1849-	131	-	2.8	✓
1828-	613	-	12.1	✓
1831-	150	-	2.8	✓
1836-	142	-	2.6	✓
1815-	23	-	.7	✓
1818-	15	-	.5	✓
1802-	74	-	1.6	✓
1823-	17	-	.5	✓
1805-	32	-	.7	✓
1810-	45	-	1.0	✓

no
her.

wt. gr.

23

1810-10-446 — 9.95

1810-20-444 — 8.65

1810-30-681 — 14.7

1805-10-424 — 8.9

1805-20-553 — 12.3

1805-30-489 — 10.7

1828-10-609 — 10.4

1828-20-704 — 12.5

1828-30-852 — 14.9

1831-10-1073 — 20.3

1831-20-793 — 14.00

1831-30-643 — 11.30

1836-10-757 — 13.6

1836-20-668 — 11.4

1836-30 common — hybrid

1841-10-287 — 5.8

1841-20-503 — 10.1

1841-30-299 — 5.9

1844-10-469 — 9.6

1844-20-905 — 19.0

1844-30-477 — 9.9

1849-10-555 — 11.4

Rice samples milled at various

VARIETY,	Variety	No. of mills used	minutes run
C. I. No.,			
No.,			
Plot No.	Blue Rose	50	2
Size of plot,	"	50	3
Rate of seeding,	"	"	2 1/2
RATE:	"	"	"
Sown,	"	"	"
Emerged,	"	"	3
First heading,	"	"	3
Fully headed,	"	"	3
First ripe,		75	3
Fully ripe,		"	3
Harvested,		"	3
Stand,			
Spring survival,			
Manner of growth,			
Height of plant,			
Lodging,			
Shattering,			
INFECTION:			
Covered smut,			
Loose smut,			
Stem rust,			
Leaf rust,			
YIELD:			
Total crop,			
Grain per plot,			
Straw per plot,			
Acre yield (bus.),			
Bushel weight,			
REMARKS:			

lengths of time in Barley Pearler 24

% whole Kernels	% broken Kernels	% Broken Sh	Total %	% unhusked Kernels
61.2	4.6			1.3
53.9	5.0	18.5	77.4	0.1
		66		
		66.9		
		66.9		
		62.		
		63.4		
		67.3		

VARIETY,

C. I. No.,

No.,

Plot No.

Size of plot,

Rate of seeding,

RATE:

Sown,

Emerged,

First heading,

Fully headed,

First ripe,

Fully ripe,

Harvested,

Stand,

Spring survival,

Manner of growth,

Height of plant,

Lodging,

Shattering,

INFECTION:

Covered smut,

Loose smut,

Stem rust,

Leaf rust,

YIELD:

Total crop,

Grain per plot,

Straw per plot,

Acre yield (bus.),

Bushel weight,

REMARKS:

1934

Nursery Yield Plots

Drington Lateral

Block 611-715

Long 188

Road

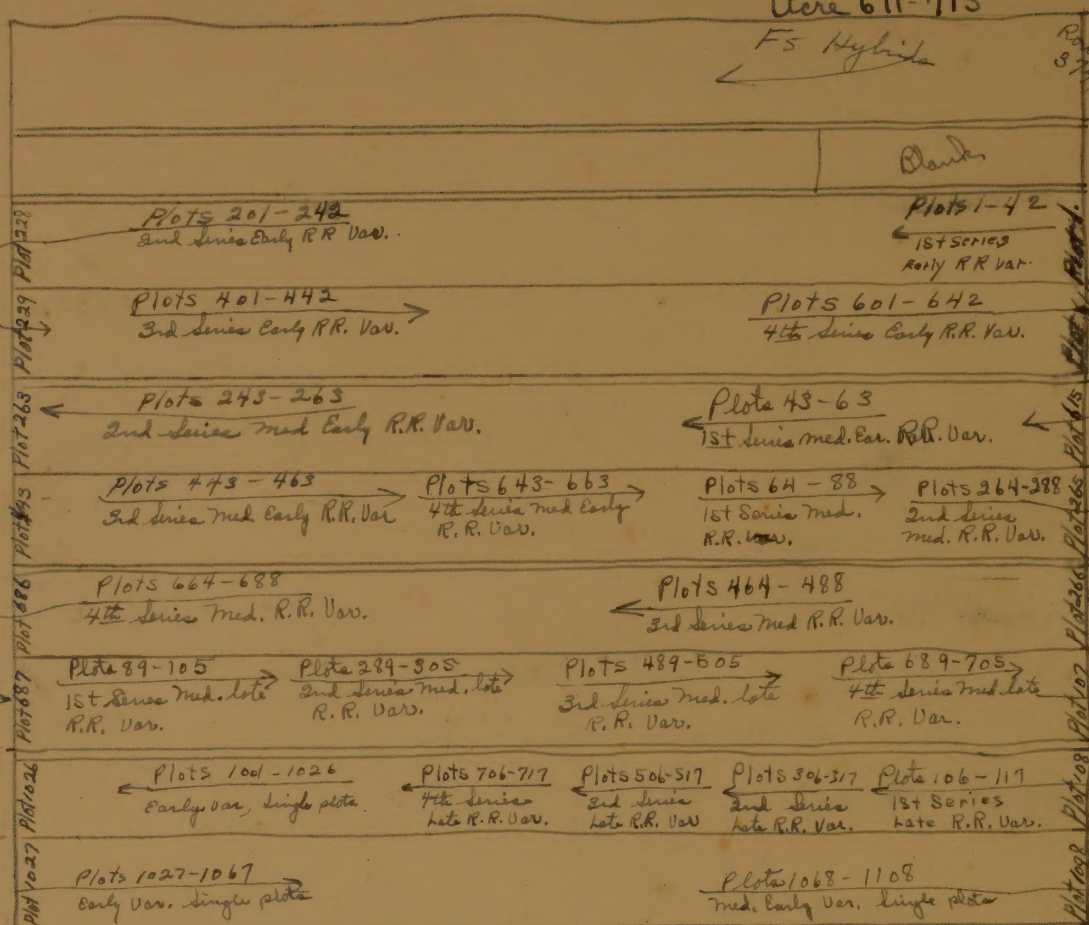
~~Block 606-710~~

Road

Order of seeding

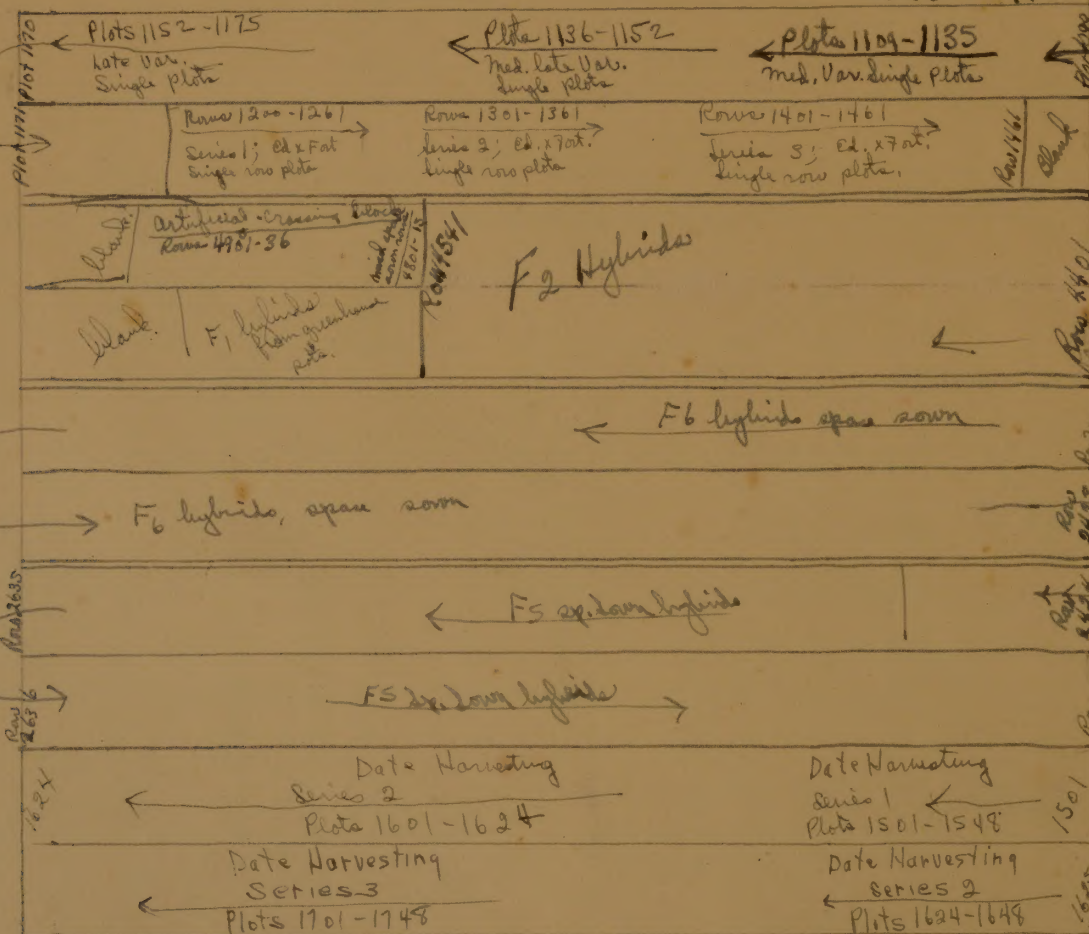
Area 611-715

F₅ Hybrids

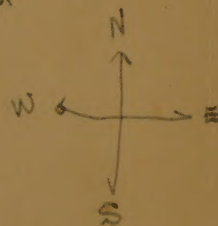


Road way

Area 606-710



Road way



Nursery tests began emerging May 4

50% emerged May 8.

Due to dry conditions complete emergence did not occur until after 1.25 inches of rain on May 9., emerging on approximately May 14th.

Nursery flushed May 8 and 9 water allowed to drain off immediately

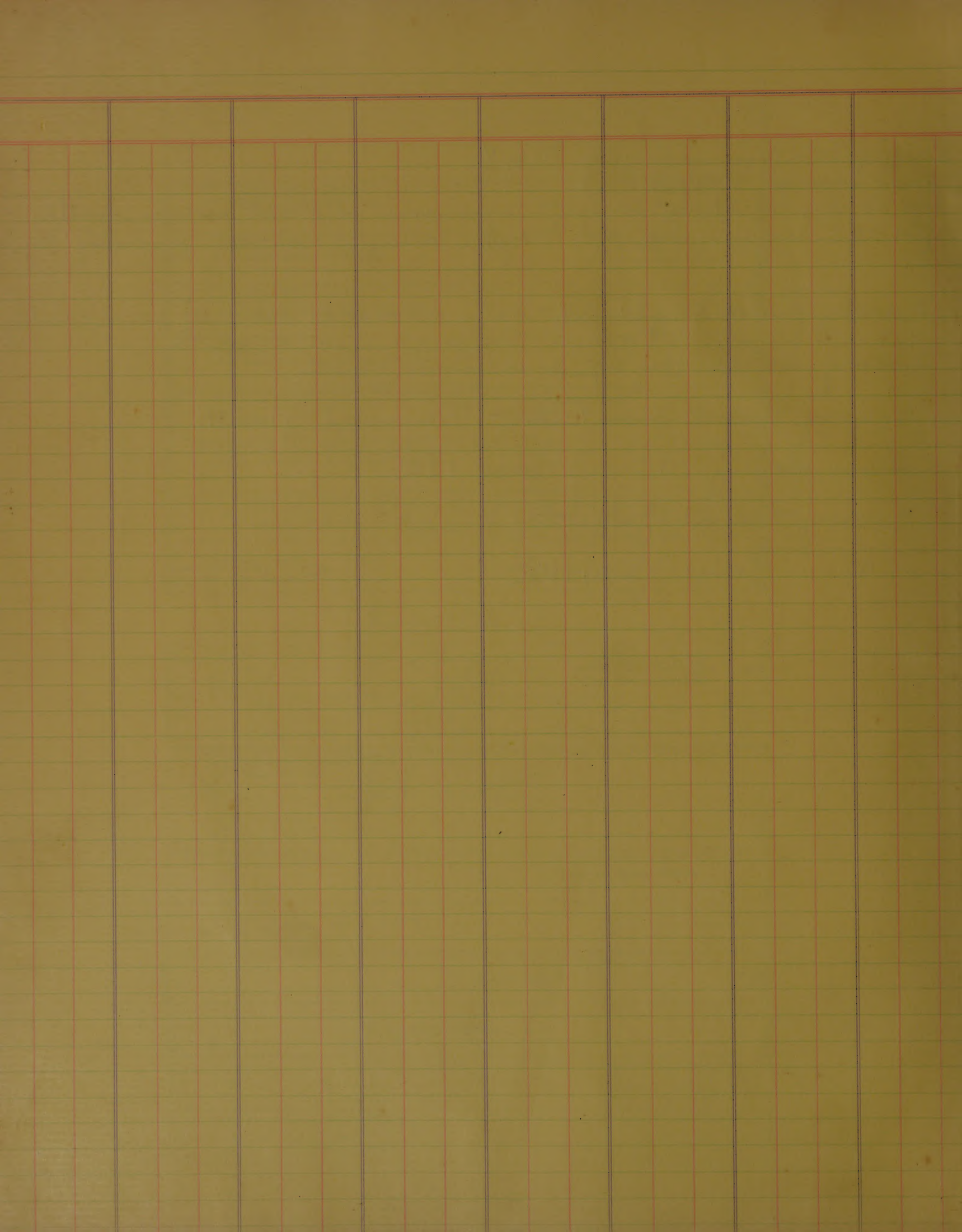
Nursery watered May 29 and drained June 2.

Nursery weeded June 9-12. - Trimmied June 11.

Began flooding nursery June 13th.

Nursery drained July 9th

" flooded July 16th



✓ = Rice Variety Classification Card made.

Row 16.5 feet long

Av. yield
An. Blue Rose Photo =

T. S. No.	VARIETY NAME OR SELECTION NUMBER	DATE		STAND PER ROW	DATE PLANT EMERG. (1977)	STAND PER ROW	DATE		STAND PER ROW	DATE		STAND PER ROW	PLANT HT. (in.)	LODGE- ING SPOT	LEAF SPOT	SHAP- ING
		PLANT EMERG.	HEAD EMERG.				HEADING 1ST FULL	RIPENING 1ST FULL		HEADING 1ST FULL	RIPENING 1ST FULL					
<u>Short-grain Rices (Group 1)</u>																
1600 ✓	19798 Colusa	1		1		80	7/24 8/6	8/16	8/29 9/5	38						
		201				85	7/25 8/5	8/16	8/29 9/5	38						
		401				85	7/24 8/4	8/15	8/27	38						
		601				80	7/26 8/6	8/16	8/28	36						
						83	7/25 8/5	8/16	8/28	38						
<u>Medium-grain Rices (Group 1)</u>																
	Colusa x Lady Wright # 31130	2		1145		80	7/22 8/2	8/13	8/27 8/31	44						
		202				85	7/23 8/2	8/13	8/28 9/5	42						
		402				75	7/21 7/31	8/11	8/27	44						
		602				80	7/25 8/2	8/14	8/28	40						
						80	7/23 8/2	8/13	8/28	43						
	Colusa x Lady Wright # 31123	3		1148		85	7/25 8/6	8/16	8/28 9/31	43						
		203				85	7/24 8/5	8/17	8/28 9/5	42						
		403				85	7/24 8/3	8/13	8/27	43						
		603				85	7/26 8/5	8/15	8/28	40						
						85	7/25 8/5	8/16	8/28	42						

O.I. No.	T.S. No.	VARIETY NAME OF SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	D % STAND ING 1ST FULL	DATES					PLANT HT. (IN.)	LODG- ING TERMIN	LEAF SPOT	SHAP- TENDING
						HEADING 1ST FULL	8/2	8/16	8/23	9/2	9/5			
		Edith x Blue Rose No 2916A8	4	1184	85	8/2	8/16	8/23	9/2	9/5	43			
			204		80	8/2	8/16	8/20	9/1	↓	42			
			404		75	8/1	8/16	8/20	9/1		41			
			604		85	8/3	8/16	8/21	9/2	↓	40			
					81	8/2	8/16	8/21	9/2	—	42			
		✓ 19887 Early Blue Rose	5	16	85	7/27	8/9	8/18	8/31	9/5	42			
			205		80	7/28	8/9	8/16	8/31		42			
			405		80	7/27	8/7	8/15	8/31		41			
			605		90	7/30	8/9	8/17	9/1	↓	39			
					84	7/28	8/9	8/17	8/31	—	41			W.T.
5883	19801	✓ Early Prolific	6	17	85	7/28	8/9	8/18	8/31	9/5	43			
			206		85	7/28	8/10	8/16	8/31		43			
			406		85	7/28	8/8	8/15	8/31		42			
			606		85	7/31	8/10	8/17	9/1	↓	39			W.T.
					85	7/29	8/9	8/17	8/31	—	42			

Make selections from

DAYS TO MATURITY FROM			YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		Remarks
PLANT	1ST	PER	ACRE YIELD				HEAD	TOTAL	
EMERG.	HEAD	ROW	BU.	LBS.	GBLS.	RICE	RICE		
		335				41.0		unmilled 90 Fair	1257
		279				70.7	75	2.3	
		227							
		258							
1099	35.5	1599				41.0			
		310				39.0			Fair
		357				69.6	75.7	1.0	
		308							
		340							
1315	42.5	1913				39.0			
		357				39.0			
282		325							
		384							
302		370				70.8	74.7	.4	
		305							
326		267							
		298							
347		339							
1257	40.6	1924				39.0			

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	1933 P.R. Check Rows	DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT LOGG- ING (IN.)	LEAF SPOT %	SHADE TERMINAL
						HEADING 1ST FULL	RIPENING 1ST FULL	DATE	HARV- ESTED			
5793	✓ 19802	Supreme Blue Rose (Check)	7		85	8/24	9/1	9/13	9/27	10/5	46	
			207		80	8/25		9/13	9/27		48	
			407		80	8/25		9/12	9/27		48	
			607		85	8/25		9/13	9/27	✓	45	
					83	8/25	9/1	9/13	9/27	—	47	W.T.
5321	✓	Guininto	8	18	85	7/28	8/10	8/16	8/30	9/5	40	
			208		85	7/28	8/9	8/16	8/30		42	
			408		85	7/28	8/9	8/17	8/31		42	
			608		85	7/30	8/10	8/19	9/1	✓	38	
					85	7/29	8/10	8/17	8/31	—	41	W.T.
19937	✓	No. 243 A5-9	9	19	85	7/27	8/9	8/16	8/27	8/31	37	W.T.
			209		80	7/25	8/8	8/13	8/27	9/5	41	
			409		75	7/27	8/8	8/16	8/29		41	
			609		85	7/29	8/9	8/16	8/29	✓	38	
					81	7/27	8/9	8/15	8/28	++	39	W.T.

O.I. No.	T.S. No.	VARIETY NAME OF SELECTION NUMBER		* STAND	DATES					PLANT LOGS		LEAF SPROT
					HEADING 1ST FULL	RIPENING 1ST FULL	NG	HARVEST ESTIMATED	HT. (IN.)	NG		
Long-grain Rices (group 1.) 19895 LW-11			10	34	85	7/20	8/1	8/8	8/21	8/29	37	
Single Row			210		85	7/23	8/3	8/8	8/21	8/29	38	
			410		discard	7/21	8/2	8/7	8/20	←	38	
			610		85	7/25	8/2	8/9	8/22	8/29	37	
					85	7/22	8/2	8/8	8/21	←	38	
12981 No. 30			11	37	85	7/27	8/8	8/16	8/29	8/31	38	
Dec Substitute del.			211		85	7/25	8/9	8/13	8/28	9/5	39	
			411		discard	7/25	8/8	9/13	8/29		42	
			611		85	7/27	8/8	8/16	8/29	✓	38	
					85	7/26	8/8	8/15	8/29	—	39	
12983 No. 32			12	36	80	7/27	8/10	8/16	8/29	8/31	39	
Dec Substitute del.			212		85	7/26	8/10	8/13	8/28	9/5	39	
			412		discard	7/26	8/6	8/13	8/29		41	
			612		85	7/27	8/8	8/16	8/29	✓	38	
					83	7/27	8/9	8/15	8/29	—	39	T

Single Row

Disc
Substituted del.

Disc
Substituted del.

D.I. No.	T.G. No.	VARIETY NAME OR SELECTION NUMBER		DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TING
						HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
H-30	✓ 19974	<i>113</i>	13	1053	85	7/29	8/11	8/13	8/28	8/31	43		
			213		80	7/26	8/7	8/12	8/27	9/5	43		
			413		discard	7/27	8/13	8/12	8/29		43		
			613		90	7/30	8/12	8/15	8/28	✓	44		
					85	7/28	8/11	8/13	8/28	—	43		T
5793	✓ 19802	Supreme Blue Rose (Check)	14		85	8/24		9/13	9/27	10/5	45		
			214		80	8/25		9/13	9/27		48		
			414		discard	8/25		9/12	9/27		48		
			614		85	8/26		9/14	9/27	✓	48		
					83	8/25	9/1	9/13	9/27	—	47		
✓		Lady Wright Sel. No. 13	15	43	85	7/27	8/9	8/13	8/29	8/31	39		
			215		85	7/27	8/6	8/13	8/29	9/5	39		
			415		discard	7/27	8/7	8/13	8/29		40		
			615		90	7/28	8/9	8/15	9/29	✓	38		
					87	7/27	8/8	8/14	8/29	—	39		WT T

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)		MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD		HEAD TOTAL RICE	RICE	HEAD TOTAL RICE	RICE
			BU.	LBS.				

240

40.0

Fair

208

58.4 70.6 3.2

356

(304)

347

1560

40.0

354

359 40

68.8 76.2 .6

363

(1076)

46.4

2087

39

Fair

258

37.0

268

62.0 75.1 .3

340

(166)

37.3

1680

37.0

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
							HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
		✓ Lady Wright Sel. No. 14	16	44	85		7/27 8/9	8/13	8/29 8/31	38			
			216		85		7/27 8/7	8/13	8/29 9/5	38			
			416		75		7/27 8/10	8/13	8/29	40			
			616		85		7/28 8/7	8/15	8/29	39			
					83		7/27 8/8	8/14	8/29	39		WT	T
1546	19980		17	1067	80		7/29 8/11	8/15	8/29 8/31	40			
			217		85		7/27 8/10	8/13	8/30 9/5	40			
			417		85		7/27 8/11	8/13	8/31	42			
			617		90		7/30 8/12	8/16	8/29	43			
					85		7/28 8/11	8/14	8/30	41		WT	T
2127	19805	Edith (Perloo)	18	45	80		7/28 8/10	8/13	8/29 8/31	39			
			218		85		7/28 8/8	8/15	8/29 9/5	39			
			418		85		7/28 8/9	8/17	8/31	39			
			618		90		7/28 8/8	8/15	8/29	41			
					85		7/28 8/9	8/15	8/30	40		WT	T

DAYS TO MATURITY FROM PLANT			YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA	
1ST HEAD	PER ROW	GMS.	ACRE	YIELD			HEAD	TOTAL
ENERG.			BU.	LBS.	BBL.	(LBS.)	RICE	RICE

unhusked
grains
90
70

249 37.0

254 58.0 74.8 .2

173

353

1029 33.3 1497 37.0

226 38.0

283 58.7 73.8 .4

286

407

1202 38.9 1749 38.0

215

180 37.0

206

234

273 64.8 74.2 1.0

295

258

267

283

349

381

339

1101 35.6 1602 37.0

D. I. No.	F. S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (50%)	% STAND	DATES					PLANT HT. (IN.)	LOGG- ING %	LEAF SPOT	SHADE TESTING
							HEADING 1ST. FULL	RIPENING 1ST FULL			HARV- ESTED				
5451	19803	Lady Wright	19	41	85		7/28	8/10	8/13	8/29	9/31	38			
			219		90		7/27	8/6	8/15	8/29	9/5	39			
			419		85		7/28	8/10	8/16	9/21		37			
			619		85		7/29	8/8	8/16	9/29	✓	40			
					86		7/28	8/9	8/15	8/30	—	39			W.T. T
19903	LD-10	Jester	20	54	85		7/30	8/13	8/16	8/31	9/5	37			
			220		90		7/29	8/13	8/16	9/30		41			
			420		85		8/3	8/16	8/20	9/1		40			
			620		90		7/30	8/13	8/17	9/2	✓	41			
					88		7/31	8/14	8/17	9/1	—	40			T
5793	19802	Supreme Blue Rose (Check)	21		80		8/25		9/13	9/27		43			
			221		85		8/25		9/13	9/27		47			
			421		85		9/25		9/13	9/27		45			
			621		85		8/25		9/12	9/27		47			
					84		8/25	9/1	9/13	9/27	—	46			

S. I. No.	T. S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (50%)	% STAND	DATES					PLANT HT. (IN.)	LOG (IN.)	LEAF SPOT	SHAW TESTING
							HEADING 1ST FULL	RIPENING 1ST FULL	HARV. ESTIM						
5550	19896	Mortgage Lifter	22	38	90		8/1	8/12	8/15	8/29	8/31	40			
			222		90		7/29	8/13	8/13	8/31	9/5	43			
			422		85		7/31	8/13	8/16	9/1		41			
			622		85		7/31	8/13	8/15	9/1	✓	42			
					88		7/31	8/13	8/15	8/31	—	42			+ T
7705	19804	Storm Proof	23	39	90		7/30	8/12	8/13	8/29	8/31	40			
			223		90		7/29	8/13	8/13	8/31	9/5	44			
			423		85		7/31	8/13	8/16	9/1		42			
			623		85		7/30	8/13	8/15	8/29	✓	41			
					88		7/30	8/13	8/14	8/30	—	42			+ T
1241	19897	Vintula	24	40	90		7/31	8/11	8/15	8/29	8/31	42			
			224		90		7/30	8/12	8/15	8/30	9/5	45			
			424		85		7/31	8/15	8/16	8/31		43			
			624		85		7/31	8/13	8/16	8/29	✓	45			
					88		7/31	8/13	8/16	8/30	—	44			+ T+

Deci
substitute
sl. from 1057 (1057/1057/1057)

RR

RR

DAYS TO			YIELD DATA			TEST	MILLING DATA	
MATURITY FROM	GMS	ACRE YIELD	PER BU.	HEAD TOTAL				
PLANT 1ST	PER							
EMERG. HEAD	ROW	BU. LBS. BBL.	(LBS.)	RICE	RICE			

114

39.0

200

342

62.2 74.4 .8

259

285

1100 35.6 1601

39.0

200

282

40.0

339

65.2 75.0 .7

349

264

11234 39.9 1795

40.0

200

246

41.0

416

58.3 74.2 .8

313

285

1260 40.7 1833

41.0

O.I. No.	T.S. No.	VARIETY OR SELECTION	NAME NUMBER		DATE PLANT EMERG. (80%)	% STAND	DATES					PLANT HT. (IN.)	LOGG- ING %	LEAF SPOT	SHADE TERING
							HEADING 1ST FULL	8/15	8/16	8/31	9/5				
5249	✓ 19898			25	46	85	8/2	8/15	8/16	8/31	9/5	41			
	<i>single row</i>			225		85	8/1	8/13	8/16	8/31		44			
				425		85	8/3	8/15	8/16	8/31		44			
				625		90	8/3	8/13	8/17	9/1		44			
						86	8/2	8/14	8/16	8/31	—	43		+ T+	
7179	✓ 19899	C.N. 888		26	47	85	8/1	8/12	8/16	8/31	9/5	41			
	<i>single row</i>			226		85	7/31	8/13	8/16	8/31		44			
				426											
				426		85	8/2	8/16	8/18	9/1		43			
				626		90	8/2	8/15	8/17	9/1		41			
						86	8/1	8/14	8/17	9/1	—	42		+ T++	
7187	✓ 19900	C.N. 896		27	48	90	8/1	8/15	8/16	8/31	9/5	41			
	<i>single row</i>			227		90	7/31	8/13	8/15	8/31		43			
				427		80	8/3	8/15	8/20	9/1		42			
				627		85	8/1	8/13	8/17	9/1		42			
						86	8/1	8/14	8/17	9/1	—	42		+ T+	

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA													
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			HEAD	TOTAL												
			BU.	LBS.	BBLs.	RICE	RICE												
		198				39.0													
		298				53.8	73.1	1.8											
		283																	
		200																	
		999	31.6	1424		39													
		215				39.0													
		239				59.9	73.9	1.5											
		227																	
		188																	
		869	28.1	1264		39													
		220				39.0													
		283				56.7	71.4	2.9											
		159																	
		228																	
		890	28.8	1295		39													

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER		DATE PLANT EMERG. (50%)	% STAND	D A T E S			PLANT HT. (IN.)	LOGG- ING %	LEAF SPOT	SWAMP TERRING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
5793	✓ 19802	Supreme Blue Rose (check)	28		85	8/25	9/13	9/27	43			
			228		85	8/25	9/13	9/27	45			
			428		70	8/26	9/14	9/27	45			
			628		85	8/25	9/12	9/27	45			
					81	8/25	9/1	9/13	9/27	—	45	
1643	✓ 1611	Honduras	29	50	90	7/31	8/12	8/15	8/29	8/31	40	
			229		90	7/30	8/11	8/13	8/29	9/5	43	
			429		80	8/3	8/16	8/19	8/31		42	
			629		85	8/2	8/13	8/17	9/1		41	
					86	8/1	8/13	16	8/30	—	42	WT + T+
1664	✓ 1616		30	51	90	8/1	8/11	8/15	8/31	8/31	40	
			230		90	7/29	8/12	8/13	8/30	9/5	44	
			430		80	8/3	8/16	8/19	8/31		41	
			630		85	8/1	8/15	8/16	8/29		42	
					86	8/1	8/14	8/16	8/30	—	42	+ T+

DAYS TO MATURITY FROM		YIELD DATA				TEST	MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			PER BU.	HEAD TOTAL	
			BU.	LBS.	BBLs.	(LBS.)	RICE	RICE

281

362

39 64.775.8 .8

215

270

1128 36.5 1641

39

223

38.0

200

319

59.2 23.5 1.1

213

202

1007 32.6 1465

38

200

259

37.0

330

59.2 24.0 1.6

268

250

1107 35.8 1611

37

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (50%)	% STAND	DATES					PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
							HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED					
1711	✓ 19902		31	53	90		7/29	8/11	8/13	8/29	8/31	40			
			231		90		7/26	8/8	8/11	8/29	9/5	43			
			431		80		7/30	8/11	8/19	8/31		40			
			631		85		7/28	8/12	8/15	8/29	✓	40			
					86		7/28	8/11	8/15	8/30	—	41		W.T.	++T++
5303	✓ 19901		32	52	90		7/31	8/13	8/15	8/29	8/31	39			
			232		90		7/28	8/11	8/12	8/30	9/3	42			
			432		85		7/31	8/12	8/16	8/31		40			
			632		90		7/29	8/13	8/15	8/31	✓	39			
					89		7/30	8/12	8/15	8/30	—	40		WT	++T++
C4	✓ 19975		33	1054	85		8/2	8/15	8/16	8/29	8/31	41			
			233		90		7/30	8/12	8/15	8/30	9/5	45			
			433		85		8/2	8/17	8/19	9/1		40			
			633		85		7/31	8/13	8/16	9/1	✓	41			
					86		8/1	8/14	8/17	8/31	—	42		WT	++T+

Single row

RR

RR

*Row for purple
tipped types*

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (50%)	% STAND	DATES					PLANT HT. (IN.)	LOOSE- ING %	LEAF SPOT	SHAW- TERRING
							HEADING 1ST F.L.	RIPENING 1ST F.L.			HARV- ESTED				
2011	19904		34	55	85	8/3	8/16	8/20	8/30	9/5	40				
			234		85	8/1	8/13	8/16	9/1		44				
			434		85	8/3	8/16	8/20	9/1		41				
			634		85	8/2	8/15	8/21	9/1		43				
					85	8/2	8/15	8/19	9/1	—	42			WT ++T+	
5793	19802	Supreme Blue Rose (Check)	35		85	8/25		9/13	9/27		44				
			235		85	8/25		9/12	9/27		45				
			435		80	8/26		9/13	9/27		47				
			635		85	8/25		9/13	9/27		46				
					84	8/25	9/1	9/13	9/27	—	46				
5304	19905		36	57	85	8/3	8/16	8/17	8/31	9/5	41				
			236		85	8/1	8/13	8/16	8/31		43				
			436		75	8/2	8/17	8/18	9/1		40				
			636		85	8/2	8/16	8/17	8/29		39				
					83	8/2	8/16	8/19	8/31	—	41			+T	

RR

Regularly fully for short-
grain types

RR

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
							HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
5390	19906		37	58	90		8/3	8/16	8/20	9/2	9/5	38		
			237		85		8/2	8/13	8/17	9/1		42		
			437		85		8/3	8/16	8/20	9/1		41		
			637		85		8/2	8/16	8/21	9/1	✓	42		
					86		8/3	8/15	8/20	9/1	—	41	WT	+ 1-1/2
1496	1592	Wanica	38	59	85		8/3	8/16	8/21	9/2	9/10	39		
			238		90		8/4	8/13	8/16	9/2		40		
			438		85		8/3	8/15	8/20	9/2		41		
			638		90		8/2	8/16	8/20	9/2	✓	40		
					88		8/2	8/15	8/19	9/2	—	40	WT	+ 1-1/2
1645	19909	Carolina Gold	39	60	80		8/4	8/17	8/21	9/3	9/10	41		
			239		90		8/1	8/13	8/17	9/3		39		
			439		85		8/5	8/17	8/21	9/3		41		
			639		85		8/3	8/18	8/22	9/3	✓	40		
					85		8/3	8/16	8/20	9/3	—	40	WT	+ 1

Single row

Single row

RR

DAYS TO MATURITY FROM		YIELD DATA				TEST PER BU. (LBS.)	MILLING DATA	
PLANT EMERG.	TEST HEAD	GMS. PER ROW	ACRE YIELD				HEAD RICE	TOTAL RICE
			BU.	LBS.	GBLS.			
							90	97

unmilled
green
20
fair

277

40.0

281

67.4 75.6 0.8

222

215

1000 32.3 1455

40

Fair shiners

240

40.0

211

61.0 74.9 .5

247

260

958 31.0 1394

40.

Fair shiners

216

40.0

226

54.6 72.2 1.0

190

198

830 26.8 1208

40

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER		PLANT STAND (50%)	DATES					PLANT HT. (IN.)	LOGS- ING %	LEAF SPOT	SHAB- BERING
					HEADING 1ST FULL	8/17	8/19	9/1	9/5				
2013	✓ 19907		40 61	90	8/3	8/17	8/20	9/2	9/5	39			
	RR		240	90	8/2	8/15	8/16	9/2		40			
			440	90	8/5	8/17	8/21	9/2		41			
			640	85	8/2	8/17	8/19	9/2	✓	40			
				89	8/3	8/17	8/19	9/2	—	40			WT + T+
2127	✓ 19908	Edith (California)	41 62	85	8/2	8/18	8/20	9/1	9/5	40			
	RR		241	85	8/1	8/15	8/19	9/1		40			
			441	85	8/3	8/18	8/20	9/2		40			
			641	80	8/1	8/16	8/20	9/1	✓	40			
		End Group 1. Long grain		84	8/2	8/17	8/20	9/1	—	40			
5793	✓ 19802	Supreme Blue Rose (Check)	42	80	8/25		9/13	9/27		45			
			242	85	8/25		9/13	9/27		45			
			442	85	8/26		9/14	9/27		44			
			642	85	8/25		9/13	9/27		44			
				84	8/25	9/1	9/13	9/27	—	45			WT + T

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT HT. (IN.)	LODGE- ING %	LEAF SPOT	SHAT- TERING
							HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED					
Group 2. Short-grain rices														
1561-1	19799	Caloro	43	2		85	8/7	8/16	8/29	9/9	9/10	40		
243														
			243			90	8/6	8/16	8/29	9/8		42		
443														
			443			85	8/5	8/13	8/28	9/7		39		
643														
			643			80	8/6	8/17	8/30	9/8	✓	38		
												WT		
												+ T		
Group 2. Medium-grain rices														
		Texas Fortuna Sel	44	1162		85	8/7	8/21	8/23	9/8	9/10	48		
No. 3/165														
244														
			244			85	8/9	8/20	8/23	9/8		48		
444														
			444			85	8/6	8/19	8/22	9/8		48		
644														
			644			85	8/6	8/16	8/23	9/8	✓	47		
												WT		
												++ T+		
461	19888		45	23		90	8/2	8/15	8/20	9/1	9/5	41		
245														
			245			90	8/3	8/13	8/21	9/1		44		
445														
			445			90	8/1	8/11	8/16	9/1		42		
645														
			645			85	8/4	8/15	8/21	9/2	✓	43		
												WT		
												++ T+		

Repl. plots

RR / Use Best California Seed

Sample rows

Make selection

RR

Make selection
Papers carefully for medium
+ long slender grain types

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA	
PLANT ENRG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			HEAD TOTAL RICE	RICE
			BU.	LBS.	BBLs.		

265
198
307
350
356
314
414
404
401
459
245
461

1203 38.9 1750 40

178
227
37.0 61.9 71.0 3.4

180

270

855 27.6 1244 87

222

307
43 70.9 75.7 1.6

417

317

1263 40.6 1838 43

Fair

Poor

considerable white tip 3/2

Good

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER		SOFT PLANT FIBER (50%)	% STAND	DATES				PLANT LODG- HT. (IN.)	ING %	LEAF SPOT	SHAP TERING
						HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
		Colusa X Lady Wright #31748 5461	46 1153		90	8/12 8/19 8/31 9/10 9/10				39			
			246		90	8/12 8/20 8/31 9/10				39			
			446		85	8/12 8/20 8/31 9/10				40			
			646		85	8/12 8/20 9/1 9/10				38			
					88	8/12 8/20 8/31 9/10				39		WT	+ T
3625	✓ 19889	Shoemed	47 24		85	8/6 8/19 8/22 9/7 9/10				45			
			247		85	8/6 8/18 8/22 9/7				45			
			447		85	8/5 8/16 8/21 9/6				45			
			647		85	8/5 8/17 8/21 9/7				44			
					85	8/6 8/18 8/22 9/7				45		+ T	
1168-2-1	✓ 19990		48 1080		90	8/20 8/29 9/1 9/16 9/20				46			
			248		discard	8/17 8/27 9/2 9/15				45			
			448		85	8/17 9/27 9/3 9/15				46			
			648		85	8/17 8/27 9/3 9/14				46			
					87	8/18 8/28 9/2 9/15				46		+ T	

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA	
PLANT ENERGY	1ST HEAD	GMS. PER ROW	ACRE YIELD			HEAD TOTAL RICE	RICE
			BU.	LBS.	BBL.		

331

Fair

320

37 72.9 25.6 1.2

323

Consid. wh. tip $\frac{3}{2}$

330

1304 42.2 1897

37

285

Fairly good

303

287

295

359

48 67.8 74.8 4.0

276

353

401

338

307

385

325

1448 46.6 2107

48

Poor mix

220

203

40

220

63.3 72.6 3.6

243

886 28.6 1289

40

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER		STAND	DATE PLANT STAND (20%)	DATES			PLANT HT. (IN.)	LODGE- ING %	LEAF SPOT	SHAW TERRING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
5793	✓ 19802	Supreme Blue Rose (Check)	49		85	8/25	9/13 9/27		48			
			249		75	8/23	9/13 9/27		46			
			449		85	8/22	9/12 9/27		45			
			649		80	8/23	9/13 9/27		47			
					81	8/25 9/1	9/13 9/27	✓	47			
19938	✓	No. 241B5-30 Calady	50	20	85	8/7	8/14 8/27 9/8	9/10	41			
	RR		250		85	8/7	8/16 8/27 9/8		37			
			450		90	8/6	8/16 8/27 9/8		41			
			650		85	8/6	8/15 8/27 9/8	✓	41			
					86	8/7 8/15	8/27 9/8	—	40			WT + Tt
		Caloro x Lady Wright # 3189	51	1134	85	8/10	8/21 8/29 9/10	9/10	39			
	RR		251		80	8/10	8/20 8/29 9/9		37			
			451		85	8/9	8/16 8/29 9/10	✓	40			
			651		80	8/9	8/16 8/29 9/12	9/20	39			
					83	8/10 8/18	8/29 9/10	—	39			WT ✓ Tt

Grand some cut
on all series

Makes selections
from

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			HEAD TOTAL	RICE
			BU.	LBS.	BELS.		
		307					
	342	337					
		261					
	270		39	68.0	75.1	1.0	
		293					
		372					
	351						
		300					
		335					
	345						
		331					
1908	42.3	1903	39				
	379						
	286		40	70.6	74.9	1.3	
	300						
	406						
1371	44.3	1995	40				
	255						
	289		40	72.1	75.3	.7	
	282						
	310						
1136	36.7	1653	40				

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT MATERIAL (100%)	% STAND	DATES				PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAD- TERING
							HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
Group 2. Long-grain		Edith x Fortune 283A2-3	52	1163		85	8/2	8/15	8/16	9/1	9/5	43		
PR			252			85	8/2	8/12	8/15	9/1		42		
			452			90	8/2	8/12	8/16	9/1		46		
			652			80	8/3	8/15	8/18	9/1	✓	44		
			852			85	8/2	8/14	8/16	9/1	—	44	+ T	
		Edith x Fortune 283A2-6	53	1164		85	8/9	8/19	8/22	9/5	9/10	42		
Long grain	make selections regarding		253			90	8/6	8/16	8/21	9/7		43		
			453			85	8/5	8/15	8/21	9/6		47		
			653			80	8/9	8/19	8/24	9/7	✓	44		
						85	8/7	8/17	8/22	9/7	—	44	WT + T	
		Edith x Fortune No 283A6-8	54	1172		85	8/6	8/16	8/20	9/7	9/10	42		
Long grain	Plants for red rice make selections		254			90	8/4	8/13	8/20	9/5		40		
			454			85	8/4	8/16	8/20	9/6		42		
			654			80	8/6	8/18	8/22	9/7	✓	43		
						85	8/5	8/16	8/21	9/6	—	42	+ T	

DAYS TO MATURITY		YIELD DATA			TEST PER BU. (LBS.)		MILLING DATA									
PLANT	15	GMS.	ACRE YIELD		PER	BU.	HEAD	TOTAL								
EMERG.	HEAD	PER ROW	BU.	LBS.	55 LBS.	(LBS.)	RICE	RICE								
		303														
		337				38.0	71.0	77.2	2.3							
		387														
		351														
		1378	44.6	2005		38										
		262														
		397				38.0	70.0	75.5	2.7							
		384														
		266														
		1309	42.3	1905		38										
		272														
		319				37.0	66.3	74.4	1.4							
		300														
		266														
		1157	37.4	1683		37										

good.

Reg. (good)

Reg (good)

Reg. glume color.

O. I. No.	T. S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT STAND (%)	% STAND	DATES					PLANT LODG.		LEAF SPOT	SHAW- TERRING
							HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %				
1726	19914		55	67	85	8/6	8/20	8/21	9/5	9/10	43				
			255		85	8/5	8/13	8/20	9/4	9/6	43				
			455		90	8/3	8/16	8/21	9/4	9/10	42				
			655		70	8/6	8/19	8/22	9/4	↓	44				
					83	8/5	8/17	8/21	9/4	—	43		+ T		
5793	19802	Supreme Blue Rose (Check)	56		85	8/25		9/13	9/27		46				
			256		85	8/23		9/12	9/27		46				
			456		85	8/23		9/13	9/27		45				
			656		70	8/23		9/13	9/27		48				
					81	8/24	9/1	9/13	9/27	—	46				
2711	19910		57	64	90	8/6	8/20	8/23	9/8	9/10	49				
			257		90	8/5	8/16	8/21	9/7		44				
			457		90	8/4	8/15	8/22	9/8		46				
			657		80	8/6	8/21	8/23	9/8	↓	43				
					88	8/5	8/18	8/22	9/8	—	46		+ T		

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DAY PLANT EMERG. (80%)	% STAND	DATES				PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAW- TEARS
							HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
4866	✓ 19913	PP	58	68		80	8/16	8/25	8/31	9/14	9/20	48		
			258			90	8/12	8/23	8/29	9/12		45		
			458			90	8/12	8/23	8/29	9/12		44		
			658			85	8/20	8/23	9/1	9/13	✓	45		
						86	8/15	8/24	8/30	9/13	—	46	+ T+	
2717	✓ 19911	Single row	59	65		85	8/20	8/29	8/31	9/14	9/20	41		
			259			85	8/16	8/27	8/29	9/14		46		
			459			90	8/16	8/27	8/30	9/13		42		
			659			95	8/20	8/28	9/2	9/14	✓	42		
						84	8/18	8/28	8/31	9/14	—	43	WT + T+	
2971	✓	Single row	60	66		85	8/13	8/23	8/28	9/13	9/20	41		
			260			90	8/13	8/22	8/29	9/13		44		
			460			90	8/11	8/22	8/27	9/11		43		
			660			80	8/12	8/24	8/28	9/12	✓	38		
						86	8/12	8/23	8/28	9/12	—	42	+ T++	

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			Date Plant Established (1900)	% STAND	D A T E S				PLANT HT. (IN.)	LODGE- ING %	LEAF SPOT	SHADE TESTING
							HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
Group 2.		Slender-grain Rice												
1206	19936	Delitus	61	94		90	8/7	8/19	8/23	9/2	9/5	43		
			261			90	8/6	8/17	8/23	9/2	9/5	44		
			461			90	8/9	8/20	8/24	9/3	9/6	42		
			661			90	8/9	8/20	8/23	9/3	9/6	43		
						90	8/8	8/19	8/23	9/3	—	43	+ T=tr	
5094	19932		62	95		85	8/13	8/24	8/28	9/13	9/20	41		
			262			85	8/13	8/23	8/28	9/12		39		
			462			90	8/13	8/24	8/27	9/11		41		
			662			90	8/15	8/24	8/28	9/13	✓	39		
						88	8/14	8/24	8/28	9/12	—	40	+ T+	
5793	19802	Supreme Blue Rose (check)	63			90	8/25		9/13	9/27		46		
			263			85	8/23		9/12	9/27		47		
			463			85	8/22		9/13	9/27		47		
			663			85	8/24		9/13	9/27		48		
						86	8/24	9/1	9/13	9/27	—	47		

RR

RR

Guard rows cut
on all series

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERGED (80%)	% STAND	DATES				PLANT LODG.		LEAF SPOT SPOT	SHAT- TERING
							HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED	HT. (IN.)	ING %		
<u>Group 3. - Short-grain</u>														
	7190	No. 8	64	3		95	8/15	8/28	9/2	9/17	9/20	43		
			264			95	8/18	8/28	9/2	9/18		43		
			464			90	8/19	8/28	9/2	9/19		43		
			664			90	8/19	8/28	9/2	9/19	✓	42		
						93	8/18	8/28	9/2	9/18	—	43		+ Tt
5783	19877		65	4		85	8/13	8/20	9/3	9/15	9/20	40		
			265			85	8/14	8/20	9/2	9/15		41		
			465			80	8/15	8/20	9/3	9/15		42		
			665			85	8/14	8/20	9/3	9/15	✓	42		
						84	8/14	8/20	9/3	9/15	—	41		✓ Tt
2303	19878	Miyako	66	5		85	8/15	8/21	9/4	9/15	9/20	40		
			266			discard	8/16	8/22	9/4	9/15		45		
			466			80	8/16	8/22	9/4	9/16		43		
			666			85	8/16	8/21	9/4	9/15	✓	42		WT
						83	8/16	8/22	9/4	9/15	—	43		T

ext. plots

RR

Single row

Single row

DAYS TO MATURITY FROM		YIELD DATA			TEST	MILLING DATA	
PLANT	1ST	GMS.	ACRE YIELD		PER	HEAD	TOTAL
EMERG.	HEAD	PER	BU.	LBS.	BBLG.	BU.	RICE
		ROW			(LBS.)	RICE	RICE

501

Heavy yield poor straw chatters

620

45.0 70.2 73.1 2.6

506

501

2128 68.9 3096

45

Shrink grain rain.

274

310

41.0 74.6 78.3 .8

298

358

1240 40.1 1804

41

Pretty good.

370

41.0

340

73.4 78.5 .9

385

(1095)

47.2 2124

41

O.I. No.	T.S. No.	VARIETY OR SELECTION	NAME NUMBER	DATE PLANT EMERG. (30%)	% STAND	DATES					PLANT HT. (IN.)	LOGG- ING %	LEAF SPOT	SHOOT TYPING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED						
2322	19879	Bujan-ho	67	6	85	8/15	8/21	9/6	9/15	9/20	41			
			267		80	8/16	8/21	9/5	9/15		46			
			467		85	8/16	8/22	9/4	9/16		44			
			667		90	8/16	8/21	9/4	9/15	✓	45			
					85	8/16	8/21	9/5	9/15	—	44		WT+	++ Tst
Group 3. - Medium-grain RICES														
19939		No. 241 A (PI)	31-2	68	22	90	8/11	8/19	8/29	9/12	9/20	38		
			268		90	8/12	8/19	8/28	9/13		42			
			468		85	8/13	8/19	8/30	9/13		43			
			668		90	8/12	8/18	8/29	9/13	✓	41			
					89	8/12	8/19	8/29	9/13	—	41		WT	+ T+
4830	19890		69	25	90	8/14	8/27	9/2	9/13	9/20	40			
			269		90	8/16	8/28	9/3	9/13		42			
			469		80	8/19	8/29	9/4	9/14		42			
			669		90	8/15	8/28	9/3	9/14	✓	43			
					88	8/16	8/28	9/3	9/14	—	42		WT	+ T+

DAYS TO MATURITY FROM		YIELD DATA			TEST	MILLING DATA	
PLANT	1ST HEAD	GMS. PER ROW	ACRE YIELD			PER BU. (LBS.)	HEAD TOTAL RICE
GENETIC	HEAD	ROW	BU.	LBS.	BBLs.		RICE
		318					
		365	42.0	76.8	78.4	1.0	
		355					
		418					
1456	47.1	2118	42				
		338					uneven fairly good
		373	38.0	74.2	75.6	1.9	
		308					
		362					
1381	44.6	2009	38				
		360					fair to mid color
		411	48.0	65.6	71.5	8.6	
		328					
		345					
1444	46.7	2101	48				

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT HT. (IN.)	LODG. ING %	LEAF SPOT	SWAMP TERRING
							HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
5993	✓ 19802	Supreme Blue Rose (check)	70			90	8/23	9/13	9/27		47			
			270			85	8/24	9/13	9/27		47			
			470			85	8/25	9/14	9/27		46			
			670			85	8/24	9/13	9/27		47			
						86	8/24	9/1	9/13	9/27	— 47			
4440	✓ 19892		71	29		90	8/20	8/30	9/4	9/20	9/29	47		
	RR		271			90	8/20	8/29	9/4	9/20	↓ 47			
			471			90	8/21	8/30	9/5	9/20	9/20	46		
			671			90	8/23	8/30	9/4	9/20	9/20	49		
						90	8/21	8/30	9/4	9/20	— 47		++ T++	
		Colusa x Lady Wright 1151 31/437	72	1151		95	8/15	8/21	9/4	9/15	9/20	38		
			272			90	8/16	8/23	9/3	9/15		40		
			472			85	8/16	8/23	9/4	9/15		37		
	RR		672			90	8/15	8/21	9/2	9/15	↓ 40		WT	
						9							++ T=++	
						90	8/16	8/22	9/3	9/15	— 39			

DAYS TO MATURITY FROM		YIELD DATA				TEST PER BU. (LBS.)	MILLING DATA											
1ST HEAD	PER HEAD	GMS. PER ROW	ACRE YIELD				HEAD	TOTAL										
			BU.	LBS.	BBL.	(LBS.)	RICE	RICE										
		313																
		396				40	71.8	77.2	1.2									
		343																
		385																
		1437	46.5	2091		40												
		329																
		380				44.0	71.7	76.8	1.2									
		355																
		359																
		1423	46.0	2070		44												
		282																
		305				40.0	72.0	74.9	3.8									
		290																
		358																
		1235	39.9	1797		40												

Fairly good. ✓

medium - grain

even but rather poor yield. med-grain

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT MATERIAL (100%)	STAND	DATES				PLANT HT. (IN.)	LOGG- ING %	LEAF SPOT %	SHADE TENDING
					1ST FULL	2ND FULL	3RD FULL	4TH FULL				
✓ G. 0413 - Long-grain 193 19921			73	80	85	8/15	8/28	9/1	9/12	9/20	42	
			273		90	8/19	8/29	9/2	9/15		45	
			473		85	8/20	8/28	9/2	9/16		44	
			673		90	8/16	8/27	8/31	9/13	✓	46	
					88	8/18	8/28	9/1	9/14	—	44	✓
✓ 4060 19915			74	69	90	8/20	8/28	9/3	9/14	9/20	47	
			274		85	8/21	8/28	9/3	9/16		48	
			474		90	8/20	8/28	9/2	9/15		48	
			674		80	8/19	8/28	9/3	9/15	✓	51	
					86	8/20	8/28	9/3	9/15	—	49	+ Tt
✓ Texas Fortuna Sel. No. 15			75	75	85	8/21	8/30	9/7	9/24	9/29	48	
			275		85	8/22	8/31	9/8	9/23		49	
			475		90	8/22	8/29	9/8	9/23		48	
			675		90	8/20	8/30	9/7	9/23	✓	49	
					88	8/21	8/30	9/8	9/23	—	49	+ Tt

[illegible]

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (50%)	% STAND	DATES					PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
							HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED					
		<i>Single row</i> Texas Fortuna Sel. No. 27	76	76	80		8/21	8/30	9/7	9/24	9/29	48			
		Row for red rice	276		85		8/22	8/30	9/8	9/24		46			
			476		85		8/22	8/29	9/8	9/23		47			
			676		90		8/20	8/30	9/8	9/22	✓	49			
					85		8/21	8/30	9/8	9/23	✓	48		+ T ₂ tr	
5793	19802	Supreme Blue Rose (Check)	77		85		8/23		9/14	9/27		47			
		<i>Guard rows cut on all series.</i>	277		75		8/25		9/14	9/27		47			
			477		90		8/24		9/14	9/27		47			
			677		90		8/24		9/13	9/27		48			
					85		8/24	9/1	9/14	9/27	—	47			
1344	9821	Texas Fortuna	78	74	90		8/21	8/30	9/5	9/24	9/29	47			
			278		85		8/21	8/31	9/5	9/23		49			
			478		90		8/22	8/29	9/5	9/23		48			
			678		90		8/21	8/29	9/5	9/23	✓	48			
					89		8/21	8/30	9/5	9/23	—	48		+ T ₂ tr	

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		unhulled grain %	HULLS %	TOTAL RICE %	REMARKS
PLANT ENERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD	BU.		HEAD TOTAL RICE	RICE				
		265									
		305			41.0	69.5	76.0	1.3			
		327									
		360									
		40.6									
		1257	1829	41							
		356									
		295									
		342									
		325									
		331			40	70.3	77.6	0.0			
		342									
		417									
		388									
		346									
		332									
		390									Some white tip
		370									
		1404	45.4	2043	40						
		315									Seed late plants
		342									
		376									
		330									
		340			41.0	67.6	76.0	1.4			
		341									
		385									
		359									
		374									
		367									
		406									
		344									
		1447	46.8	2105	41						

G.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT STAND (99%)	% STAND	D A T E S				PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
							HEADING 1ST FULL	8/31	9/10	9/25	9/29			
1344	19919	Fortuna		79	78	85	8/23	8/31	9/10	9/25	9/29	47		
				279		85	8/21	8/31	9/9	9/24		48		
				479		90	8/22	8/30	9/7	9/24		46		
				679		90	8/21	8/30	9/8	9/24	✓	48		
						88	8/22	8/31	9/9	9/24	—	47	+ T=tr	
2738	19922			80	81	85	8/22	9/1	9/8	9/25	9/29	48		
				280		85	8/22	8/31	9/5	9/24		50		
				480		90	8/21	8/30	9/6	9/24		48		
				680		85	8/21	8/29	9/4	9/24	✓	51		
						86	8/22	8/31	9/6	9/24	—	49	+ T=tr	
5374	19918			81	73	85	8/23	9/3	9/10	9/25	9/29	48		
				281		90	8/23	9/4	9/10	9/24		48		
				481		85	8/24	9/4	9/10	9/25		45		
				681		90	8/23	9/3	9/9	9/25	✓	47		
						88	8/23	9/4	9/10	9/25	—	47	+ T=	

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (80%)	% STAND	DATES				PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAD- TERING
							HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
3337	19917		82	72	85	8/23	9/1	9/9	9/26	9/29	47			
			282		85	8/20	8/29	9/6	9/24		45			
			482		90	8/20	9/1	9/6	9/25		47			
			682		90	8/17	8/28	9/3	9/25	V	48			
						88	8/20	8/30	9/6	9/25	—	49	± Titw	
4966	19920		83	79	80	8/22	9/2	9/5	9/22	9/29	43			
			283		90	8/21	8/30	9/5	9/22		44			
			483		85	8/20	9/1	9/5	9/22		44			
			683		90	8/19	9/1	9/3	9/22	V	46			
						86	8/21	9/1	9/5	9/22	—	44	+ T+	
5793	19802	Supreme Blue Rose (check)	84		85	8/23		9/13	9/27		46			
			284		90	8/25		9/14	9/27		45			
			484		90	8/24		9/14	9/27		47			
			684		90	8/24	9/1	9/13	9/27		46			
						89	8/24	9/1	9/14	9/27		46		

3337 19917

single row

4966 19920

RR

5793 19802 Supreme Blue Rose
(check)

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT STAND (60%)	% STAND	DATES				PLANT LODG		LEAF SPOT	SHOOT TERRING
							HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %			
2733-1 ✓ 19916 <i>Single row</i>			85	71	85		8/21	9/2	9/7	9/24	9/29	45		
			285		90		8/20	8/29	9/6	9/24		45		
			485		85		8/22	9/1	9/5	9/25		46		
			685		90		8/19	8/28	9/3	9/25	✓	47		
					88		8/21	8/31	9/5	9/25	—	46	±	T+tv
5441 x 1641 no 283A5-12 PR/			86	1170	80		8/21	8/29	9/3	9/17	9/20	45		
			286		90		8/19	8/28	9/2	9/16		45		
			486		85		8/20	8/29	9/2	9/16		46		
			686		90		8/17	8/28	9/2	9/15	✓	45		
					86		8/19	8/29	9/2	9/16	—	45	+	T+
4803 ✓ 4803 19923 PR/			87	82	80		8/20	9/1	9/6	9/23	9/29	51		
			287		85		8/23	9/3	9/8	9/24		49		
			487		80		8/23	9/3	9/8	9/23		50		
			687		85		8/20	9/2	9/6	9/20	✓	51		
					83		8/22	9/2	9/7	9/23	—	50	WT +++ T	

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA												
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			HEAD TOTAL RICE	RICE											
			BU.	LBS.	BBL.													
		201																
		206				39.0	55.9	69.0	3.9									
		191																
		275																
		873	28.2	1270		39												
		366																
		357				35.0	54.9	72.1	4.3									
		336																
		472																
		1531	49.5	2228		35												
		291																
		265				43.0	60.2	71.4	3.9									
		276																
		351																
		1183	38.2	1721		43												

Fair

Little uneven, Fair

Grat, thin grain.

Fairly good

Q.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (60%)	* STAND	DATES				PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAW TIERING
					HEADING 1ST FULL	RIPENING 1ST FULL						
Group 3		Slender-grain RICES										
3829	20012	88 an extra BL Rose plot	11/17	90	8/19	8/28	9/5	9/20	9/29	51		
		288		85	8/22	8/29	9/7	9/22		50		
		488		90	8/20	8/29	9/7	9/20		49		
		688		90	8/17	8/29	9/6	9/20	✓	50		
End Group 3,				89	8/20	8/29	9/6	9/21	—	50	++	T+
Group 4		Short-grain RICES										
1428	19880	89	8	90	8/19	8/26	9/9	9/20	9/29	40		
		289		85	8/19	8/27	9/9	9/20		39		
		489		90	8/20	8/28	9/9	9/20		37		
		689		90	8/20	8/26	9/8	9/20	✓	37		
				89	8/20	8/27	9/9	9/20	—	38	++	T+tr
1561	19884	Wateribune	11	90	8/17	8/25	9/9	9/20	9/29	40		
		290		85	8/18	8/26	9/10	9/20		40		
		490		85	8/19	8/27	9/10	9/20		37		
		690		90	8/18	8/26	9/9	9/20	✓	37		
				88	8/18	8/26	9/10	9/20	—	39	WT	++ T+tr

DAYS TO MATURITY FROM		YIELD DATA				TEST PER BU. (LBS.)	MILLING DATA		TAN	HULLS	TOTAL	REMARKS	DATE	BY	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD				HEAD	TOTAL							
			BU.	LBS.	BBLS.		RICE	RICE							
		316													
		269				43.0	51.2	71.5	2.4						
		290													
		358													
		1233	39.9	1794		43									
		439								good		relatively little leaf spot 7/18			
		403				39.0	73.6	76.9	1.6						
		311													
		399													
		1552	50.2	2258		39				good		relat. little leaf spot 7/8			
		473													
		375				41.0	74.4	72.9	2.1						
		326													
		417													
		1591	51.4	2315		41									

good.

good

relatively little loss post 7/18

good

relat. little loss post 7/18

Q. I. No.	T. S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT ESTABLISHED (80%)	% STAND	D A T E S				PLANT H.T. (IN.)	L.C.D.G. NG %	LEAF SPOT %	SHADE TENDING T.M.
							HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED					
5793	19802	Supreme Blue Rose (Check)	91			85	8/23	9/13	9/27		47			
			291			85	8/25	9/13	9/27		45			
			491			90	8/25	9/15	9/27		42			
			691			90	8/25	9/15	9/27		43			
							88	8/25	9/1	9/14	9/27	—	44	
1988	19882	Acadia	92	12		85	8/16	8/25	9/9	9/20	9/29	40		
			292			85	8/17	8/25	9/9	9/20		40		
			492			85	8/18	8/26	9/9	9/20		38		
			692			85	8/17	8/25	9/9	9/20	↓	38		
							85	8/17	8/25	9/9	9/20	—	39	WT + T +
1573	19883	Omachu	93	10		90	8/17	8/24	9/9	9/20	9/29	40		
			293			85	8/19	8/25	9/10	9/20		40		
			493			85	8/19	8/26	9/9	9/20		38		
			693			90	8/18	8/25	9/9	9/20	↓	38		
							88	8/18	8/25	9/9	9/20	—	39	WT + T +

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (DDMM)	% STAND	HEADING 1ST FULL	RIPENING 1ST FULL	PLANT HT. (IN.)	OD NG %	SPOT	SHAP	
7447 19881	RR	94	9	90	8/18	9/24	9/9	9/20	10/1	40	
		294		90	8/18	9/25	9/9	9/20		40	
		494		85	8/18	9/26	9/9	9/20		38	
		694		85	8/18	8/25	9/9	9/20		39	
				88	8/18	8/25	9/9	9/20	—	39	WT + T ₂ h
Group 2930 19894	RR	Medium-grain Rices 95	33	85	9/3	9/10	9/15	10/5	10/8	45	
		295		85	9/3	9/11	9/16	10/4		43	
		495		90	9/3	9/12	9/17	10/4		43	
		695		90	9/3	9/12	9/17	10/4		43	
				88	9/3	9/11	9/16	10/4	—	44	++ T ₂ h
1265 19893	Single row	96	32	90	8/24	9/6	9/8	9/24	10/1	42	
		296		90	8/28	9/6	9/9	9/28		42	
		496		90	8/28	9/7	9/10	9/30		41	
		696		90	8/27	9/6	9/10	9/30		42	
				90	8/27	9/6	9/9	9/28	—	42	+ T ₂ h

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (50%)	% STAND	D A T E S				PLANT HT. (IN.)	ODG- ING %	LEAF SPOT	SHATH- TERING
							HEADING 1ST FULL		RIPENING 1ST FULL					
Group 4. ✓ Long-grain Rices														
51	19924	Tokalon	97	83	80		8/28 9/6	9/10	9/25	10/1	47			
PR			297		90		8/29 9/9	9/13	9/26		48			
			497		85		8/29 9/8	9/12	9/26		47			
			697		85		8/27 9/8	9/12	9/26	✓	47			
					85		8/28 9/8	9/12	9/26	—	47		+T+	
5793	19802	Supreme Blue Rose (Check)	98		90		8/22	9/13	9/27		46			
			298		85		8/24	9/14	9/27		45			
			498		85		8/24	9/14	9/27		45			
			698		90		8/25	9/15	9/27		43			
					88		8/24 9/1	9/14	9/27	—	45			
2702	19926	Nira	99	86	90		8/24 9/4	9/9	9/25	10/1	51			
PR			299		85		8/29 9/9	9/11	9/25		51			
			499		85		8/24 9/6	9/9	9/25		50			
			699		85		8/29 9/6	9/9	9/26	✓	49			
					86		8/26 9/6	9/10	9/25	—	50		+T+	

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD	BU.		LBS.	HEAD TOTAL RICE
368							
385				41.0	62.6	74.5	3.1
327							
365							
1445	46.7	2102		41			
363							Small amount of white tip 7/8
370				40	62.1	76.2	1.7
360							
337							
1430	46.2	2081		40			
371							grd.
376				45.0	57.6	73.2	2.2
354							
404							
1505	48.7	2190		45			

O. I. No.	T. S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT HT. (IN.)	LOGG- ING %	LEAF SPOT	SHOOT TERMINAL
							HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
4191 19925 ✓ PP			100	85	85		8/24 9/4	9/9	9/25	10/1	52			
			300		80		8/26 9/7	9/11	9/26		49			
			500		85		8/24 9/6	9/9	9/25		50			
			700		80		9/26 9/6	9/9	9/26	↓	49			
					83		8/25 9/6	9/10	9/26	—	50	+Eh		
2938 19929 ✓ PP			101	89	90		8/28 9/8	9/18	10/1	10/1	48			
			301		85		9/1 9/10	9/20	10/2	10/8	45			
			501		90		8/30 9/8	9/19	10/2		44			
			701		90		8/30 9/9	9/19	10/2	↓	45			
					89		8/30 9/9	9/19	10/2	—	46	+T+		
4450 19928 ✓ PP			102	88	90		8/29 9/8	9/14	10/1	10/1	50			
			302		85		8/30 9/9	9/15	10/2	10/8	46			
			502		85		8/30 9/10	9/14	10/3		46			
			702		85		9/1 9/11	9/15	10/2	↓	48			
					89		8/30 9/10	9/15	10/2	—	48	+T=k		

PLANT		YIELD DATA		TEST		MILLING DATA	
EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD	PER BU. (LBS.)	HEAD TOTAL RICE	TOTAL RICE	
323							gmk.
331			45.0	583	72.0	3.5	
357							
309							
1370	44.3	1993	45				gmk.
332							
353			48.0	64.7	73.5	1.6	
325							
350							
1357	43.9	1974	45				gmk.
313							
242			45.0	63.0	75.5	3.0	
272							
301							
1128	36.5	1641	45				

G.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (80%)	% STAND	DATES				PLANT HT. (IN.)	LOGS- ING %	LEAF SPOT	SHAP- TERING
							HEADING	RIPENING		HARV- ESTED				
							1ST FULL	1ST FULL						
4554	19927		103	87	85		8/27 9/6	9/14	10/1	10/8	47			
			303		90		9/1 9/8	9/21	10/2		45			
			503		90		8/29 9/9	9/16	10/2		45			
			703		85		9/1 9/10	9/21	10/2		46			
					88		8/30 9/8	9/18	10/2		46		++	T-h
Group 4 - Slender-grain rices														
2962	19933		104	96	85		8/22 9/5	9/10	9/27	10/1	46			
			304		90		8/27 9/6	9/10	9/28		43			
			504		90		8/23 9/6	9/10	9/29		42			
			704		90		8/26 9/7	9/10	9/29		46			
					89		8/25 9/6	9/10	9/28		44		++	T+
5793	19802	Supreme Blue Rose (Check)	105		90		8/23	9/1	9/27		46			
			305	omitted										
			505	omitted										
			705		90		8/23	9/15	9/27		45			

PP

Slender

Regulator short-grain
type

Do not include
in Table

Do not include
in Table

[illegible]

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT HT. (IN.)	ODG- NG %	LEAF SPOT	SHAW- TENDING
							HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED					
Group 5. - Short-grain rices														
1642	19885	Shinriki	106	13		90	8/20	8/27	9/11	9/25	10/8	33		
RR			306			100	8/24	8/27	9/10	9/25		35		
			506			95	8/21	8/28	9/9	9/25		34		
			706			95	8/21	8/27	9/10	9/25	✓	35		
						95	8/21	8/27	9/10	9/25	—	34	+	Trmt
Group 5. - Medium-grain rices														
4700	19886		107	15		90	9/8	9/20	10/1	10/8	10/8	50		
RR			307			100	9/8	9/19	10/1	10/7		50		
			507			95	9/7	9/20	10/1	10/7		50		
			707			100	9/8	9/20	10/1	10/7	✓	50		
						96	9/8	9/20	10/1	10/7	—	50	—	Trmt
1962	7183	Blue Rose	108	31		85	8/25	9/1	9/16	9/27	10/8	46		
RR			308			100	8/27	9/1	9/16	9/27		45		
			508			90	8/26	8/31	9/16	9/27		45		
			708			90	8/24	9/3	9/16	9/27	✓	44		
						91	8/26	9/1	9/16	9/27	—	45	WT++ + Trmt	

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (60%)	% STAND	DATES				PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAP- PING	
							HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED						
1160	1555		109	30	100	8/23	9/1	9/16	9/27	10/8	49				
			309		100	8/25	9/1	9/16	9/27		44				
			509		95	8/23	8/31	9/16	9/27		45				
			709		95	8/23	8/30	9/16	9/27	✓	45				
						98	8/24	8/31	9/16	9/27	—	46			WT ± Tot
5463	Tinuco		110	27	100	8/22	8/29	9/13	9/25	10/8	49				
			310		95	8/23	8/30	9/13	9/25		44				
			510		95	8/23	8/30	9/13	9/25		45				
			710		95	8/22	8/29	9/13	9/25	✓	46				
						96	8/23	8/30	9/13	9/25	—	46			WT+ + Tot
2128	19891	Improved Blue Rose	111	26	100	8/20	8/27	9/11	9/24	10/8	46				
			311		100	8/21	8/28	9/11	9/24		43				
			511		90	8/21	8/28	9/12	9/24		44				
			711		90	8/21	8/28	9/11	9/24	✓	45				
						95	8/21	8/28	9/11	9/24	—	45			WT+ + Tot

RR
cut all names of this
variety

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIE. D			HEAD TOTAL RICE	RICE
			BU.	LBS.	BBL.		

Like Blue Rose in all respects. Early good

501

391

39.0 75.5 77.6 1.0

401

398

1671 54.0 2431

39

Like Blue Rose earlier Early good.

525

403

40.0 74.0 76.7 2.2

399

404

1731 56.0 2519 40

good, few days earlier than B.R. better S.B.R.

430

459

472

358

392

40.0 75.1 77.5 .4

397

341

358

371

368

365

373

Small amount of white tip 3/18

1574 50A 2290

40

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (50%)	% STAND	D A T E S				PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
							HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED					
5793	19802	Supreme Blue Rose (Check)	112			100	8/23	8/30	9/14	9/27	47			
			312			95	8/23	8/31	9/14	9/27	44			
			512			90	8/24	8/31	9/14	9/27	45			
			712			95	8/23	8/31	9/14	9/27	47			
							95	8/23	8/31	9/14	9/27	—	46	
Group 5. — Long-grain														
4559	19930	Iola	113	90		100	9/10	9/21	9/25	10/8	9/12	48		
			313			100	9/11	9/22	9/26	10/9		46		
			513			95	9/10	9/21	9/25	10/9		48		
			713			95	9/9	9/20	9/25	10/9	✓	47		
							98	9/10	9/21	9/25	10/9	—	47	+ Ex
4504	19931		114	92		100	9/10	9/21	9/27	10/9	9/12	49		
			314			100	9/12	9/22	9/27	10/10		47		
			514			95	9/11	9/21	9/27	10/10		49		
			714			95	9/10	9/19	9/25	10/9	✓	50		
							98	9/11	9/21	9/27	10/10	—	49	++

DAYS TO MATURITY FROM		YIELD DATA				TEST PER BU. (LBS.)	MILLING DATA									
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD				HEAD TOTAL RICE	RICE								
			BU.	LBS.	BBLs.											
		458														
	517															
		457														
		351														
	341					40	707	767	.2							
		320														
		342														
	360															
		381														
		358														
	374															
		358														
	1592	51.5	2316			40										
	440															
	401					40.0	58.8	74.9	1.5							
	384															
	405															
	1630	52.7	2372			40										
	345															
	299					48.0	71.1	25.5	3.1							
	393															
	357															
	1394	45.1	2028			48										

Small amount of white type-7/18

late - fairly good.

late, fair

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER			DATE PLANT EMERG. (80%)	% STAND	DATE					PLANT HT. (IN.)	ODS- NG %	LEAF SPOT	SHAT- TERING
							HEADING 1ST FULL	RIPENING 1ST FULL			HARV- ESTED				
Group 5- ✓		Slender-grain	tices												
3212 19934			115	97		100	9/9	9/19	9/21	10/8	9/12	51			
RR			315			100	9/9	9/19	9/21	10/9		48			
			515			90	9/9	9/18	9/21	10/9		50			
			715			95	9/8	9/17	9/20	10/8	✓	50			
						96	9/9	9/18	9/21	10/9	—	50		++	
4660 19935 ✓			116	99		100	9/18	9/28	10/8	10/20	10/26	48			
RR			316			95	9/18	9/28	10/8	10/20		46			
			516			95	9/18	9/28	10/8	10/20		49			
			716			95	9/17	9/28	10/8	10/20	✓	50			
						96	9/18	9/28	10/8	10/20	—	48		WT+++ +	
1779 19941 ✓		Rexoro	117	100		100	9/21	9/30	10/7	10/20	10/26	50			
RR			317			95	9/21	9/30	10/7	10/20		47			
			517			95	9/21	9/30	10/7	10/20		49			
			717			95	9/20	9/30	10/7	10/20	✓	50			
						96	9/21	9/30	10/7	10/20	—	49		++	

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			HEAD TOTAL RICE	RICE
			BU.	LBS.	BBL.		

314

308

39.0 34.7 74.2 2.5

318

299

1217 39.4 1771

39

fite

315

323

41.0 45.5 77.0 1.2

320

316

1274 41.2 1854

41

fite early plant

403

427

494

385

479

46.0 37.7 72.0 5.3

434

499

417

490

556

515

525

1814 58.6 2639

46

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT HT. (IN.)	LODGING %	LEAF SPOT	SHAPE TEARS
					HEADING 1ST FULL	RIPENING 1ST FULL	HARVESTED					
		Group 1. Short-grain Rices Colusa x Lady Wright 1001 1143 <i>short-grain - good quality</i> <i>No. 31115</i>		90	7/22	8/1	8/14	8/22	8/24	42		WT + T _h
2306	19943	Aikoku 1002 1003 <i>short-gr - white belly</i>		95	7/27	8/4	8/18	8/26	9/6	38		+ T+
		Group 1. Medium-grain Rices <i>Disc</i> Carolina Flint Sel. 1003 1156 <i>No. 31150</i>		90	7/12	7/22	7/25	8/9	8/20	39		WT ± T+
		<i>Disc</i> Carolina Flint Sel. 1004 1157 <i>No. 31151</i>		90	7/12	7/24	7/27	8/9	8/20	39		WT + T+
		<i>SR</i> Colusa x Lady Wright 1005 1152 <i>med-gr - white belly</i> <i>No. 31145</i>		90	7/15	7/25	7/27	8/9	8/20	36		? ++ T+
		<i>SR</i> Colusa x Lady Wright 1006 1141 <i>med-grain tombston</i> <i>No. 31145</i>		95	7/17	7/26	7/31	8/12	8/20	37		? ++ T+
5793	19802	Supreme Blue Rose 1007 (Cheek)		90	8/23		9/14	9/27	10/5	49		
		<i>Disc</i> No. 243AS-8 Sel. 1008 6073 <i>med-grain good quality</i>		90	7/25	8/4	8/15	8/25	9/6	45		+ T+
		<i>SR</i> No. 243AS-8 1009 1024 <i>med-grain good quality medium grain</i>		95	7/21	8/2	8/13	8/22	8/24	41		WT+ + T+
		<i>Disc</i> Colusa x Lady Wright 1010 1149 <i>med-grain - tombston</i> <i>No. 31147</i>		95	7/21	7/31	8/10	8/22	8/24	38		WT + T+

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA					
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			HEAD	TOTAL				
			BU.	LBS.	BBLs.	RICE	RICE				
		460	59.5	2677		40	72.7 75.4	.4	good for early rice	small amount of leaf spot 7/8	
									good grain quality	trace white tip. 7/8	
		399	51.6	2322		38	70.7 75.5	0	Fair.	(7/8) Fairly resist. to leaf spot, not as good as 1001	
		57	7.4	332					Poor		
		152	19.7	885					Poor		
		217	28.1	1263		38	64.0 71.8	1.2	Poor		
		244	31.6	1420		34	62.8 65.9	6.3	Fair for early	some resist to leaf spot - 7/8	
		346	44.8	2014		38					
		337	43.6	1961		38	65.3 72.6	0.4	Fair, uneven grain size.		
		397	51.4	2311		39	70.7 73.8	.3	Poor as above.		
		382	49.4	2223		36	70.2 72.3	1.0	rather poor		

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	D A T E S				P L A N T HT. (IN.)	ODS- NG %	L E A F S P O T	S H A P E T E R M S
					HEADING 1ST FULL	RIPENING 1ST FULL	MARK NOTED					
SR		Colusa x Lady Wright #31128 Med grain	1011	1150	90	7/21	7/31	8/10	8/22	8/24	39	WT + T+
SR		Delitus x Caloro No. 2910A24 Mixed grain types some good grain types present	1012	1177	90	7/21	8/5	8/11	8/26	9/6	48	+ T+h
SR		Caloro x Lady Wright #3183 Med-grain	1013	1123	90	7/17	8/1	8/12	8/23	8/24	40	WT+ + T+
5793	19802	Supreme Blue Rose (Check)	1014		90	8/22		9/13	9/27		48	
5312	19958	In Tullis dissect plots only Med-grain white-belly	1015	1026	95	7/25	8/8	8/11	8/25	9/6	41	++ T+
SR		Kinarayom # 324 Med-grain white-belly	1016	6056	85	7/23	8/4	8/6	8/24	9/6	37	+ T++
Disc		Caloro x Lady Wright #3193	1017	1127	90	7/18	7/31	8/6	8/24	9/6	36	WT + T++
Tullis only		Colusa x Lady Wright 710.32#5375 Med-long grain #31133	1018	1146	85	7/20	8/2	8/13	8/23	8/24	40	WT + T+
SR		Honduras Blue Rose No. 2919A15 Long-grain - some wh. belly	1019	1187	90	7/29	8/11	8/15	8/26	9/6	43	+ T+
SR		Caloro x Lady Wright #3140-1 Med-grain - tan-belly	1020	6221	85	7/30	8/9	8/20	8/29	9/6	42	++ T+

DAYS TO MATURITY FROM		YIELD DATA				TEST PER BU. (LBS.)	MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD				HEAD TOTAL RICE	RICE
			BU.	LBS.	BBS.			

427 55.2 2485 38 69.6 73.8 .3

Fairly good

323 41.8 1880 37 61.4 74.1 .2

Fair. Big ears.

384 49.7 2235 38 68.3 74.4 .5

Fair.

371 48.0 2159 40 —————

410 53.0 2386 42 53.8 71.2 .6

Guard rows harvested for E.C.T.
Poor

Very succ. to H. crypsis 7-3 Good to use as a check in disease plots.

216 27.9 1257 42 65.1 73.0 1.0

292 37.8 1699 35 60.5 71.9 1.5

Short undesirable plant characters.

246 31.8 1432 37 69.4 74.7 .5

Fairly resist. to leaf spot 7/8 (unbroken)
Trace wh. tip 7/8

307 39.7 1787 36 62.5 71.0 3.6

Fairly good

Trace white tip 7/15

328 42.4 1909 39 23.0 75.4 .6

Fairly good

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (80%)	% STAND	DATES			PLANT HT. (IN.)	ODG- ING %	LEAF SPOT	SHADE TURNING
					HEADING 1ST FULL	1ST FULL	1ST FULL				
5795	19802	Supreme Blue Rose (Check)	1021	85	8/23	9/14	9/27	48			
3171	19967	Med grain - white belly	1022 1041	90	8/3	8/15	8/27	9/2	9/6	43	I T+tr
SR	2198	Early Prolific Sel. Med to sh. grain - tendratory	1023 1025	90	7/30	8/11	8/20	9/2	9/6	44	WT ++ T+
SR		Early Prolific Sel. #3212 Med grain - tendratory	1024 6097	90	7/30	8/9	8/21	8/29	9/6	47	WT + T+
Disc		Early Prolific Sel. #3213 Med grain - tendratory	1025 6099	90	7/30	8/9	8/21	8/29	9/6	47	WT + T+
PR		Early Prolific Sel. #3214 Med grain - tendratory	1026 6102	85	7/31	8/9	8/21	8/29	9/6	48	WT + T+
Disc		Early Blue Rose Sel. #3215 Med grain - tendratory	1027 6105	90	7/28	8/9	8/20	8/29	9/6	48	WT + T+
5795	19802	Supreme Blue Rose (Check)	1028	95	8/22	9/14	9/27	53			
SR		Early Blue Rose Sel. #3216 Med grain - better quality than 1027	1029 6109	95	7/28	8/9	8/20	8/29	9/6	50	WT + T+
PR		Guininto Sel. #3217 Med grain -	1030 6114	100	7/31	8/12	8/22	9/3	9/6	48	V T=tr

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA	
PLANT ENERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD	BU. LBS. BBLs.		HEAD TOTAL RICE	RICE

385 49.8 2241

39

Trace wh. tip 7/8

344 44.5 2002

47

23.4 26.8

Fairly good, grain dense short,

.3

427 55.2 2485

37

69.9 23.1

Interesting, grain fairly short,

3.3

Some wh. tip 7/8

509 65.8 2962

38

71.2 22.7

good.

3.7

Some wh. tip 7/8

444 57.4 2584

35

68.1 22.2

Fair

3.0

Some wh. tip 7/8

533 68.9 3102

38

69.1 22.5

good

4.0

Some wh. tip 7/8

456 59.0 2654

37

68.0 21.2

good

4.2

Some wh. tip 7/8

End of block
1st of next Bl.

565 73.1 3288

39

Some wh. tip 7/8

552 71.4 3213

40

73.8 25.7

Fairly good

1.3

Trace wh. tip 7/8

553 71.5 3218

38

69.3 24.3

good

1.6

Some wh. tip 7/8 different panicle type
from grainants, more open 5/20

O. I. No.	T. S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (80%)	% STAND	DATE			PLANT HT. (IN.)	ODS- ING %	LEAF SPOT	SHADE TENDING	
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED					
<i>SR</i>		✓ Early Prolific Sel. #3218 <i>Med. grain - tumbatory</i>	1031	6122	85	7/28	8/12	8/21	9/12	9/16	58	WT + T+
5883	19962	Early Prolific <i>Med. grain tumbatory</i>	1032	1031	85	7/28	8/11	8/21	9/12	9/16	58	WT + T+
2697	19964		1033	1036	85	8/3	8/17	8/21	9/3	9/16	51	+ TH
<i>SR</i>		<i>Med. grain - good quality</i> Group 1 - Long-grain Rices Caloro x Lady Wright #3122 <i>Long-grain excellent grain quality</i>	1034	1124	85	7/17	7/27	8/6	8/16	8/24	41	WTH + T+H
5793	19802	Supreme Blue Rose (Check)	1035		85	8/22		9/13	9/27		52	
<i>Disc</i>		Caloro x Lady Wright #3124 <i>Long grain</i>	1036	1121	85	7/17	7/28	8/7	8/18	8/24	45	WTH + T+H
<i>Disc</i>		Caloro x Lady Wright #3151 <i>Long-grain - good quality</i>	1037	1122	90	7/18	7/28	8/7	8/19	8/24	41	WT + T+H
<i>SR</i>		Colusa x Lady Wright #31119 <i>Long-grain</i>	1038	1144	90	7/24	7/31	8/13	8/23	8/24	40	P + T+
<i>SR</i>		Caloro x Lady Wright #3151 <i>Long grain</i>	1039	1125	85	7/17	7/29	8/13	8/25	9/6	41	WT + TH
<i>SR</i>		Caloro x Lady Wright #3254 <i>Long grain good quality</i> <i>Med. grain - excellent grain quality</i> <i>Long-grain</i>	1040	1128	90	7/21	7/30	8/13	8/25	9/6	41	+ T+

DATE TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA				
PLANT ENERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			BU.	HEAD TOTAL RICE RICE			
			BU.	LBS.	BBL.					
		493	63.8	2869		38	69.9 73.1	3.8	fairly good	some wh. tip 7/8
		398	51.5	2316		37	69.8 73.7	.4	fairly good	some wh. tip 7/8
		385	49.8	2241		47	67.7 74.5		fairly good Heavier than previous in some respects	Trace wh. tip 7/8
		364	47.1	2118		36	68.4 74.0	0	Poor.	
		500	64.7	2910		41	_____			- trace wh. tip 7/8
		350	45.3	2037		37	72.1 76.4	0	too ripe & judge	
		321	41.5	1868		40	70.2 74.8	1.8	same	some wh. tip 7/8
		546	70.6	3178		39	66.3 75.3	1.6	same	Trace wh. tip 7/8
		407	52.6	2369		35	66.7 76.4	.5	same	Trace wh. tip 7/8
		409	52.9	2380		38	70.3 77.2	0	same	

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (80%)	% STAND	DATES				PLANT HT. (IN.)	LOD- ING %	LEAF SPOT	SHAP- TURNS
					HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
<i>LR</i>		Calorox Lady Wright 1041 1130 <i>#314</i> <i>Long gain excellent quality few off type gains present.</i>		90	7/25	8/2	8/14	8/24	9/6	41		++ T+
5793	19802	Supreme Blue Rose 1042 (Check)		80	8/22	9/13	9/27			50		
<i>LR</i>		Caloro x Lady Wright 1043 1129 <i>#3192</i> <i>Long gain, good gain quality</i>		85	7/25	8/5	8/14	8/27	9/6	45		WT + T+
<i>LR</i>		No. 30 Sel. 1044 6167 <i>No. 3224</i> <i>Good long gain</i>		85	7/27	8/6	8/17	8/28	9/6	41		+ T+
<i>LR</i>		No. 32 Sel. 1045 6166 <i>No. 3228</i> <i>Good long gain</i>		85	7/30	8/6	8/20	8/28	9/6	43		+ T+
<i>LR</i>		Edith Sel. 1046 6026 <i>#321</i> <i>Good long gain</i>		85	8/2	8/16	8/18	8/29	9/6	47		+ T+
<i>LR</i>		Edith Sel. 1047 6029 <i>#322</i> <i>Excellent long gain</i>		85	8/4	8/16	8/22	9/2	9/6	47		+ T+
<i>LR</i>		Edith Sel. 1048 6031 <i>#323</i> <i>Good long gain type slightly shorter 1046+47</i>		85	7/28	8/12	8/16	8/30	9/6	48		++ T+
5793	19802	Supreme Blue Rose 1049 (Check)		85	8/24	9/14	9/27			50		
<i>LR</i>		Lady Wright Sel. 1050 6165 <i>No. 16 Sel.</i> <i>#3227</i>		90	7/28	8/11	8/16	8/28	9/6	46		+ T+

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (80%)	% STAND	DATES			PLANT HT. (IN.)	LODGE- ING %	LEAF SPOT	SHADE TERMS
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
<i>Disc</i>		Lady Wright Sel. Sel. 3226 No. 2 Sel.	1051	6161	90	7/29 8/7	8/20 8/30	9/6	44		++T++
<i>Disc</i>		Edith Sel. #3222	1052	6140	85	7/28 8/8	8/20 8/30	9/6	45		WT ++T++
7702	19978	Early Wright	1053	1065	90	7/30 8/13	8/19 8/30	9/6	44		WT ++T++
<i>SR</i>		Storm Proof Sel. #3225 long-grain good quality	1054	6158	85	7/30 8/13	8/16 8/28	9/6	48		++T++
<i>SR</i>		Storm Proof Sel. No. 33-6156 long-grain type	1055	6156	80	7/30 8/14	8/17 8/28	9/6	49		++T++
5795	19902	Supreme Blue Rose (Check)	1056		90	8/23	9/4 9/27		53		
<i>RR</i>		Mortgage Lifter Sel. #3223	1057	6151	90	8/3 8/15	8/19 8/30	9/6	50		WT ++T++
<i>CZ</i>	19961	long-grain good quality	1058	1030	90	7/29 8/13	8/16 8/30	9/6	48		WT ++T++
<i>C'</i>	19960	long-grain, good quality	1059	1029	90	7/30 8/13	8/16 8/30	9/6	48		WT ++T++
<i>C3</i>	19959	long-grain, good quality	1060	1027	90	7/30 8/12	8/17 8/30	9/6	49		WT ++T++

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER		DATE PLANT EMERG. (50%)	% STAND	DATES					PLANT LODG- HT. (IN.)	LOG- NG %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	HEADING 1ST FULL	HEADING 1ST FULL	HEADING 1ST FULL	HARV- ESTED				
1643	20016	Honduras	1061 1064		90	8/3	8/13	8/20	9/1	9/6	51		WT ++T++	
5354			1062 1061		85	7/30	8/10	8/17	9/1	9/6	52		++T++	
5793	19802	Supreme Blue Rose (Check)	1063		85	8/23		9/13	9/27		49			
5361	19979		1064 1066		85	8/6	8/17	8/20	9/4	9/6	47		++T+	
Group 1. - Slender-grain Rices														
6018	20008		1065 1113		85	7/25	8/7	8/13	8/25	9/6	51	wk	++T++	
5810	20006		1066 1110		85	7/24	8/3	8/7	8/22	8/24	43	wk	++T+	
5947	20007		1067 1111		95	7/25	8/4	8/10	8/24	9/6	48	wk	++T+	
End - group 1.														
Group 2. - Short-grain Rices														
5411		Naglampas	1068 1010		80	7/30	8/12	8/21	9/2	9/6	47		++T+	
1564	19942	Butte	1069 1002		90	8/2	8/9	8/21	9/3	9/6	46		tr T+tr	
5793	19802	Supreme Blue Rose (Check)	1070		90	8/23		9/13	9/27		53			

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			HEAD TOTAL	RICE RICE
			BU.	LBS.	BBLs.		

good, probably new Honduras.

380 49.2 2212 38 52.7 72.0 1.6

fair.

324 41.9 1886 41 52.4 79.3 1.1

same wh. tip 7/15

385 49.8 2241 38

fair.

364 47.1 2118 40 58.2 73.2 2.0

ridge

374 48.4 2177 40 33.4 70.2 0

ridge

374 48.4 2177 44 48. 69.7 1.0

ridge

343 44.4 1996 38 21.3 68.3 0

Not - Japanese blood, poor quality.

357 46.2 2078 49 66.2 74.7 0

Has usual long division areas.

384 49.7 2235 75.0 77.1 0

same wh. tip 7/15

379 49.0 2206 40

O. I. No.	T. S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	D A T E S			PLANT HT. (IN.)	LOD- GING *	LEAF SPOT	SHAT- TINESS
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
3794	19950	1071 1013	90	8/4	8/19	8/23	9/7	9/14	51	+T++	
<i>SR</i> short grain rather good quality											
4602	19951	1072 1015	90	8/9	8/21	8/26	9/8	9/14	46	WT +T=t	
<i>SR</i> short grain - excellent quality											
	Tamasari-Sel. No. 218-1-8-2	1073 1004	85	8/6	8/13	8/28	9/8	9/14	49	+T=t	
<i>SR</i> short-grain white lullay											
	Sel. 2189	1074 1005	90	8/8	8/16	8/30	9/8	9/14	41	++T++	
<i>SR</i> Round grain											
Group 2. - Medium-grain Rices											
	Coloro x Lady Wright #316-1 Make selections	1075 6252	90	7/31	8/15	9/3	9/10	9/14	45	WT +T+	
<i>SR</i> medium-grain - good quality											
4992	19965	1076 1038	85	8/10	8/20	8/29	9/8	9/14	45	++T=t	
<i>SR</i> long grain excellent quality <i>Rd (Banda)</i>											
5793	19802	Supreme Blue Rose (Check)	1077	85	8/25	9/14	9/27		50		
<i>SR</i>											
	Blue Rose x Delitas No. 2918A5	1078 1186	90	8/3	8/15	8/23	9/6	9/14	53	++T++	
<i>SR</i> medium grain type, mostly med-grain type											
	Coloro x Lady Wright Banda Sel #3170	1079 1131	90	8/5	8/13	8/29	9/6	9/14	46	WT +T+	
<i>SR</i>											
	Naguyon Sel. #325	1080 6060	90	8/13	8/21	8/29	9/10	9/14	47	WT+ +T+	
<i>SR</i> 5412-1 Med grain excellent quality											

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS)	MILLING DATA	
PLANT	1ST	PER	ACRE	YIELD		HEAD	TOTAL
ENERG.	HEAD	ROW	BU.	LBS.	WELS.	WELS.	WELS.

459 59.4 2671 50 74.5 78.8 0 Purple Red short grain not on Japanese stone. Fair.

377 48.8 2194 49 72.9 76.8 .2 Short-grain not on Japanese stone. Fair.

385 49.9 2241 39 69.6 75.1 0 Good stone, too many discolored hulls.

329 42.6 1915 39 63.5 73.2 Spike like panicle. Some white tip 7/8. Also as Vancouver in Cal.

405 52.4 2357 40 73.2 72.0 .1 Good. Trace white tip 7/8.

391 50.6 2276 — No value, floured rice. 66.8 73.2 1.1

353 45.6 2054 40 — Some white tip 7/8.

386 49.9 2247 41 68.2 74.1 1.6 Looks fairly good. Red for grain shape.

450 58.2 2619 — Fair. 70.6 75.4 1.8

397 51.4 2311 49 66.5 75.1 2.6 Fair, grain small for seed.

Q.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER		DATE PLANT EMERG. (80%)	% STAND	DATES				PLANT H. (IN.)	LOGG- ING %	LEAF SPOT	SHADE TENDING
						HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
	5412	Naquyon	1081 1039		95	8/15	8/27	8/29	9/12	9/14	46	WT+	T++
	5459	Pinling Daniel Sel.	1082 6062		95	8/14	8/27	8/29	9/13	9/20	43	T++	
	5459	Pinling Daniel	1083 1034		95	8/13	8/26	8/29	9/13	9/20	43	T+	
		Supreme Blue Rose	1084		85	8/25	9/14	9/27			30		
7338 19963			1085 1033		90	8/16	8/28	9/4	9/13	9/20	49	T+	
		Calorox Lady Wright	1086 1135		85	8/9	8/17	9/3	9/9	9/20	46	WT+	T+
2997 19966			1087 1040		90	8/20	8/29	9/5	9/18	9/20	51	T=tr	
		Colusa x Lady Wright	1088 6314		90	8/18	8/27	9/3	9/20	9/20	47	WT	T=tr
		No. 24185-30 Sel.	1089 6086		95	8/6	8/15	8/27	9/8	9/14	47	WT+	T=tr
		Calorox Lady Wright	1090 6255		90	8/15	8/21	9/3	9/13	9/14	47	WT+	T=tr

[illegible]

DAYS TO MATURITY FROM		YIELD DATA			TEST	MILLING DATA						
PLANT ENERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD		PER BU. (LBS.)	HEAD	TOTAL					
			BU.	LBS.	BBS.		RICE	RICE				
482	62.3	2805	40									
250	32.3	1455	37	61.9	71.0	4.1						
289	37.4	1682	42	58.9	62.3	6.1						
267	34.5	1554	40	52.9	72.6	.4						considerable bleaching and browning of leaves 7/18
317	41.0	1845	39	52.6	71.6	1.2						
518	67.0	3015	42	51.7	74.6	.9						large no. dead leaves 7/18
391	50.6	2276	45	53.2	74.3	2.0						
lost in cutting												some wh. tip 7/18
474	61.3	2759	46	56.9	74.9	.4						
611	79.0	3556	46	42.3	258	.4						<u>slightly flavoured grain</u>

Q.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	D A T E S			P L A N T (IN.)	O O D - N G	L E A F S P O T	S H A D - T E R M I N G	
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED					
PR		Edith x Fortuna No. 283A3-4 long grain, excellent quality	1101	1165	100	8/10	8/19	8/27	9/7	9/14	54	+ T=K
1215B	19987		1102	1076	100	8/16	8/21	8/3	9/9	9/14	57	+ T=K
SR		Misc. Sel. # 31165-1 long grain	1103	6332	100	8/21	8/28	9/5	9/18	9/20	54	++ T+
5998		Group 2. - Slender-grain Rices long grain only	1104	1116	100	8/2	8/12	8/16	9/2	9/6	47	++ T=K wk.
Single plots	19802	Supreme Blue Rose (Check)	1105		95	8/23		9/14	9/27		50	
6011	20010		1106	1115	100	8/4	8/16	8/28	9/3	9/6	49	++ T=+ wk.
5310	20009		1107	1114	100	8/3	8/16	8/28	9/3	9/6	51	wk++ T=K
SR		Misc. Sel. # 31155-1 long grain, flavored	1108	6316	95	8/12	8/23	8/29	9/12	9/14	49	wk++ T=+
SR		Group 3. - Short-grain Rices Coloto x Lady Wright # 31171 short grain, good quality	1109	1138	95	8/13	8/21	9/5	9/17	9/20	44	WT ± T=K
SR	19944	Kameji short grain, trans white belly	1110	1009	95	8/13	8/20	9/3	9/12	9/14	44	+ T=K

DAYS TO MATURE FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA							
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			HEAD	TOTAL						
			BU.	LBS.	BU.	RICE	RICE						
599		77.5	3486		37	71.4	74.3	2.9	excellent grain quality				
434		56.1	2526		38	62.7	72.9	2.3	Jan consid. numerous 7/8				
584		75.5	3399		41	71.1	74.6	2.1	good growth habit				
509		65.8	2962		41	54.8	70.3	2.5	Prm				
460		59.5	2677		39				same wh. tip 7/8				
471		60.9	2741		41	56.5	71.4	3.2	Prm				
627		81.1	3649		42	59.2	72.0	1.2					
541		70.0	3149		41	59.7	72.8	3.4					
485		62.9	2823		37	76.8	78.3	.5	good same wh. tip 7/8				
375		48.5	2183		41	77.1	78.4	.8	good				

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	D A T E S				PLANT HT. (IN.)	ODG. NG %	EAF SPOT	SHAT- TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED					
Group 5. - Medium-grain Rices												
SR		No. 241A (PI) 31-2 Sel. 1111 Sel # 3211 Med. grain, excellent quality	6090	100	8/10	8/19	9/2	9/10	9/14	43	WT+	+ T+
5793	19802	Supreme Blue Rose (Check)	1112	95	8/23	9/13	9/27			49		
SR		Calorox x Lady Wright # 3175 Med. grain, excellent quality	1113 1132	95	8/9	8/16	8/30	9/10	9/14	42	WT+	+ T+
SR acc. ambulatory grass		Calorox x Lady Wright # 3178	1114 1139	95	8/12	8/17	9/3	9/10	9/14	42	WT	+ T+
7225	19969		1115 1046	95	8/19	8/27	9/4	9/13	9/20	53	WT-	+ T+
SR		Med. grain										
4322	19968	Med. grain, excellent quality Colored spinules purple glauca	1116 1045	95	8/22	8/30	9/8	9/19	9/20	50	WT	+ T+
RR		Kameji x Blue Rose No. 2912 A6 Med. x short-grain	1117 1179	95	8/10	8/16	8/30	9/10	9/14	46	+ T+	
RR		Calorox x Blue Rose No. 2914 A14	1118 1183	100	8/12	8/19	8/31	9/10	9/14	45	+ T+	
5793	19802	Supreme Blue Rose (Check)	1119	90	8/23	9/3	9/27			51		
SR		Colasa x Edith No. 292 A15 Med. grain, poor quality grain (in late fall)	1120 1173	95	8/17	8/24	9/4	9/19	9/20	48	WT+	+ T+

Cal m 9/

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	STAND	DATE			HARV. EATED	(IN.)	%	EAF SPOT	SHAD TENDR
					HEADING	1ST FULL	1ST FULL					
RR		Kameji x Blue Rose 1121 1180 No. 2912 A 33 med. short grain (common grain type)		95	8/13	8/22	9/2	9/13	9/20	43	WT+	
4682	19970	1122 1047 med-grain, excellent quality		100	8/23	9/2	9/9	9/20	10/1	52	+ T=t	
RR		Groups Long-grain Rices 1123 1078 3798 19988		95	8/15	8/21	8/29	9/11	9/14	49	WT- + T=t	
3546	19991	1124 1081 long grain Horselad value in crossing? long grain excellent quality		90	8/19	8/28	9/6	9/19	9/20	50	WT+	
2632	19989	1125 1079 long-grain		95	8/16	8/26	9/3	9/17	9/20	49	++T+	
		Supreme Blue Rose 1126 (Check)		95	8/23		9/13	9/27		49		
7253		1127 1097 med-grain Red seed coat Rings for light glume type		95	8/20	8/29	9/5	9/18	9/20	53	V	
RR		Texas Fortuna Sel. 1128 6176 No. 26, Set.		90	8/21	9/1	9/6	9/22	10/1	53	+ T+	
RR		Texas Fortuna Sel. 1129 6171 No. 15, Set.		90	8/24	9/2	9/6	9/23	10/1	53	+ T=t	
RR		Edith x Fortuna 1130 1169 No. 283A5-11 long grain, good quality		95	8/20	8/29	9/5	9/19	9/20	49	+ T=t	

V=raw

O.I. No.	T.S. No.	VARIETY NAME SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT LODG. HT. (IN.)	ING %	LEAF SPOT	SHADE TIERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
3937	19993	1131 1094	90	8/25	8/30	9/6	9/24	10/1	X55	+T+	
1297	19986	1132 1075	95	8/26	9/3	9/9	9/28	10/1	54	+T+	
5793	19802	Supreme Blue Rose (check)	1133	95	8/24	9/14	9/27		52		
3491	19992	1134 1093	95	8/21	9/2	9/5	9/24	10/1	X51	+T+	WT
7414	19996	1135 1099	100	8/23	9/2	9/8	9/25	10/1	X46	√ ± T=tr	
Group 4. - Short-grain Rices											
		Tamasori Sel. 218-7	1136 1012	96	8/19	8/24	9/6	9/15	10/8	45	± T=tr
		Colusa x Lady Wright	1137 1155	95	8/20	8/24	9/7	9/20	9/20	46	WT +T+
		Kabo-Ono Sel.	1138 6066	95	8/25	9/4	9/10	9/25	10/1	X46	++T+
		Kabo-Ono	1139 1050	95	8/22	9/4	9/6	9/24	not x Nov.	42	WT +T+
5793	19802	Supreme Blue Rose (check)	1140	90	8/25	9/4	9/27		46		

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAW TIPING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
4375	19971	1141 1048	95	8/26	9/4	9/11	9/26 10/1	48		++T=th	
SR		Med. short grain, white belly									
3381	19972	1142 1051	95	8/29	9/6	9/14	9/30 10/1	48		++T=th	
SR		Med-grain floured									
3564	19973	1143 1052	95	9/2	9/10	9/23	10/3 10/8	48		WT +T=th	
SR		Med-grain good quality									
3882	20003	1144 1107	90	9/2	9/9	9/20	10/3 10/8	44		WT ++	
SR		Long grain, soft grains									
Group 4.		Long-grain Rices									
3699	20000	1145 1103	90	8/25	9/4	9/8	9/26 10/1	52		+T+	
SR		Long grain, excellent quality									
4295	19999	1146 1102	90	8/26	9/4	9/9	9/26 10/1	55		+T=th	
SR		Long grain, excellent quality									
5793	19802	Supreme Blue Rose (Check)	1147	90	8/23	9/3	9/27	50			
3880	19998	1148 1101	95	8/25	9/3	9/7	9/25 10/1	54		++T=th	
SR		Long grain, soft starch									
4714	19994	1149 1096	95	8/25	9/3	9/7	9/25 10/1	58		+T=th	
SR		Long grain, excellent quality									
RR		Edith x Fortuna No. 283 A3-6 Long grain, excellent quality	1150 1166	95	8/3	8/12	9/15	8/29	45	+T+	

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER		DATE PLANT EMERG. (80%)	% STAND	D A T E S				PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	8/26	9/3	9/12	9/28	10/1		
7185	20001	Long grain soft long grain	1151	1104	85	8/26	9/3	9/12	9/28	10/1	57	+T=tr	
7143	19999	Long grain	1152	1100	100	8/25	9/4	9/11	9/26	10/1	56	±T=tr wtr	
End of Group 4.													
Group 5. — Short grain Rices													
5662	19952	Short grain, good quality	1153	1016	95	8/20	8/27	9/9	9/23	10/8	44	WT ±T=tr	
5793	19802	Supreme Blue Rose (check)	1154		95	8/23		9/13	9/27		47		
7357	19955	very short-grain	1155	1020	95	8/21	8/29	9/10	9/23	10/8	43	WT +T=tr	
5661	19953	short-grain, good quality	1156	1018	100	9/1	9/8	9/26	10/5	10/8	44	WT +T=tr	
5661-1	19954	Short grain, good quality	1157	1019	95	9/1	9/8	9/26	10/5	10/8	44	WT ±T=tr	
5548	19956	short-grain, white belly	1158	1022	100	8/26	9/5	9/21	10/5	10/8	43	+T=tr	
5343	19957	Short-grain, white belly ++	1159	1023	100	9/10	9/21	9/27	10/7	10/8	52	WT ±T=tr	
1497	1593	Medium-grain Rices Bruin missie med-grain	1160	1044	100	8/22	8/29	9/13	9/25	10/8	46	WT+ ++T=tr	

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		Unhulled Grain (LBS.)	Unhulled Grain Volume	Remarks
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD	BU.		HEAD TOTAL	RICE			
365	47.2	2124	54.8	69.8	3.1					
611	79.0	3556	40	60.8	88.3	1.0				no value
443	59.8	2578	42	76.3	79.8	.3				fair
457	59.1	2660	40							Some wh. tip 7/18
362	46.8	2107	41	71.5	79.0	.2				Tip - purple (Taro) no value Trace wh. tip 7/18
454	58.7	2642	42	77.0	79.8	.2				good - Trace wh. tip 7/18
478	61.8	2782	42	78.0	80.4	.2				good
575	74.4	3347	42	75.4	78.2	0				good
633	81.9	3684	43	72.3	74.5	.1				molate
449	58.1	2613	39	72.5	76.7	0.3				fair Some wh. tip 7/18

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER		DATE PLANT EMERG. (50%)	% STAND	D A T E S				P L A N T (IN.)	O D : N G %	E A F S P O T	S H A D T E N I N G
						1 S T F U L L	1 S T F U L L	1 S T F U L L	1 S T F U L L				
5793	19812	Supreme Blue Rose (Check)	1161		95	8/25	8/30	9/15	9/27	48		+	
2128	20015	Improved Blue Rose (California)	1162 1043		90	8/23	8/28	9/15	9/27	10/8	46	++	WT T
		Tinuco Sel. no. 33-6133	1163 6133		95	8/24	8/29	9/12	9/24	10/8	49	++	WT T=tr
		Supreme Blue Rose Sel. no. 33-6127	1164 6127		95	8/22	8/29	9/14	9/27	10/8	49	+	WT T=tr
		Supreme Blue Rose Sel. no. 33-6130	1165 6130		90	8/25	8/30	9/16	9/27	10/8	49	+	WT T=tr
		Mid-grain excellent quality Improved Blue Rose x Fortuna No. 2920A24	1166 1188		90	8/29	9/10	9/23	10/2	10/8	56	++	WT T++
2457	20002	Long-grain Rices	1167 1106		95	9/4	9/10	9/23	10/3	10/8	53	+	weak WT T+
5793	19802	Supreme Blue Rose (Check)	1168		95	8/23	8/31	9/14	9/27	50			
4875	20004		1169 1108		95	9/5	9/14	9/18	10/6	10/8	52	+	weak WT T+
6002	20005		1170 1109		100	8/25	9/4	9/11	10/1	10/1	53	++	weak WT T=tr

[illegible]

DAYS TO MATURITY FROM			YIELD DATA			TEST PER BU. (LBS.)		MILLING DATA	
PLANT EMERG.	1ST HEAD	PER ROW	GMS.	ACRE YIELD		PER BU. (LBS.)	HEAD TOTAL RICE		
				BU. LBS. BBL.			RICE	RICE	

424 54.8 2468 39 41.7 75.8 .4

513 66.4 2986 39 26.0 69.0 1.4

487 63.0 2834

— 72.1 74.3 1.0

67 common kernels } (in white grains from milling sample 11)
 14.94 glutinous "
 4.8% common

363 47.0 2113

38 69.6 73.5 1.0

31 common ✓
 13.97 glutinous
 2.2% common

383 49.5 2229

38 70.0 75.8 .4

32 common ✓
 18.05 glutinous
 1.7% common

Edith x Fortuna Selections grown in three distributed single rows

✓ = fairly
free from spot

[illegible]

acre yields rough rice in pounds determined by multiplying total yield in grams from all three series by 1.94, and from 2 series by 2.91

Av. yield Fortuna checks = 23 27. pounds 2107 59
 " " Edith " = 23 91. "

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		
PLANT ENERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			HEAD TOTAL RICE	RICE	
			BU. LBS. BBLs.					
		286						light shape straight Texture flat eye or curved intr. tapering dent.
		324						
		413						long cyl. str translucent
		416						
		1153	49.7	2237	39.0	69.7	75.5	2.4
		299						
		388						long flat white belly
		400				65.4	76.4	1.3
		1087	46.9	2109	39.0			
		368						
		488						long flat med shaped trace white belly
		505				67.9	76.1	2.9
		1361	58.7	2640	40.0			
		345						
		487						trace white belly
		465				68.8	76.8	2.5
		1247	53.8	2419	39.0			
		390						
		429						long cyl OK translucent
		440				73.0	77.3	.4
		1259	54.3	2442	39.0			
		388						
		381						trace white belly
		488				70.0	77.7	2.4
		1257	54.2	2439	40.0			
		313						
		427						white belly +
		499				66.6	76.9	1.5
		1239	53.4	2404	40.0			
		376						
		414						white belly
		559				69.7	78.6	.5
		1347	58.1	2613	40.0			
		330						
		359				66.6	77.7	.7
		519						white belly
		1208	52.1	2344	39.0			

1st plant

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT HT. (IN.)	LODG-ING %	LEAF SPOT	SHAT-TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV-ESTED					
		Texas Fortuna (Check.)	1210 2010 2/1	95	8/24	8/30	9/10	✓			+T+	
			1310 "	100	8/24	8/31	9/10					
		Not sown ← ← 1410 0 "						Not sown				
				98	8/24	8/31	9/10	9/23				
		No. 283A1-3-7	1211 3025	90	8/6	8/16	8/28	9/4	43		+T+	
			1311	95	8/6	8/17	8/28	9/4	44			
			1411	95	8/5	8/14	8/26	9/2	47			
				93	8/6	8/16	8/27	9/3	45			
		No. 283A1-3-9	1212 3027	90	8/9	8/19	8/28	9/5	44		+T+	
			1312	95	8/6	8/19	8/27	9/4	45			
			1412	95	8/6	8/14	8/26	9/3	45			
				93	8/7	8/17	8/27	9/4	45			
		No. 283A1-4-2	1213 3029	90	8/6	8/17	8/27	9/4	44		+T+	
			1313	95	8/3	8/16	8/25	9/5	46			
			1413	95	8/3	8/14	8/26	9/4	49			
				93	8/4	8/16	8/26	9/4	46			
		No. 283A1-4-5	1214 3033	90	8/3	8/19	8/26	9/4	45		✓ T+	
			1314	90	8/7	8/18	8/28	9/5	46		✓	
			1414	90	8/1	8/14	8/26	9/3	48			
				90	8/4	8/17	8/27	9/4	46			
		No. 283A1-4-7	1215 3035	85	8/6	8/19	8/28	9/5	47		+T+	
			1315	95	8/7	8/19	8/28	9/5	49			
			1415	95	7/31	8/14	8/26	9/4	50			
				92	8/4	8/17	8/27	9/5	49			
		No. 283A1-4-9	1216 3037	95	8/1	8/13	8/21	9/2	46		+T+	
			1316	95	7/30	8/14	8/22	9/3	47		✓	
			1416	95	7/30	8/12	8/21	9/3	49			
				95	7/31	8/13	8/21	9/3	47			
		No. 283A1-4-11	1217 3039	90	7/30	8/13	8/21	9/2	46		+T+	
			1317	95	8/1	8/16	8/22	9/3	45			
			1417	95	7/30	8/12	8/22	9/3	46			
				93	7/31	8/14	8/22	9/3	46			
		No. 283A2-8-7	1218 3081	95	8/2	8/13	8/21	9/2	45		+T+	
			1318	95	8/2	8/14	8/21	9/2	43			
			1418	95	8/1	8/14	8/22	9/3	43			
				95	8/2	8/14	8/21	9/2	44			
		No. 283A2-8-9	1219 3083	95	8/3	8/13	8/21	9/2	43		+T+	
			1319	95	8/2	8/14	8/20	9/2	43			
			1419	95	7/31	8/14	8/22	9/3	43			
				95	8/2	8/14	8/21	9/2	43			

DAYS TO MATURITY FROM			YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA	
PLANT EMERG.	1ST HEAD	ROW	GMS. PER ROW	ACRE	BU. LBS. BBL.		HEAD TOTAL RICE	RICE

364

392

66.7 76.2 1.8

translucent with white center to grain

~~726~~

not

sown

48.9 2200

41.0

361

362

499

67.3 75.4 3.5

some white belly
some wh. tip 3/4~~1222~~

52.9 2371

39.0

322

418

440

65.7 75.3 3.4

white belly

~~1180~~

50.9 2289

39.0

318

432

452

67.2 72.3 1.1

Very little white belly

~~1202~~

51.8 2332

39.0

349

428

460

67.7 76.7 1.1

Very little white belly

~~1237~~

53.8 2400

39.0

284

339

450

67.5 76.2 3.1

Practically no white belly

~~1073~~

46.3 2082

41.0

344

443

491

66.3 76.3 1.0

some white belly

~~1268~~

54.7 2460

40.0

309

389

491

67.6 76.6 1.2

some white belly

~~1189~~

51.3 2307

39.0

403

440

544

63.0 72.7 2.1

good shape translucent
cylindrical grain.~~1387~~

59.8 2691

39.0

460

454

468

69.1 72.7 .7

same as above

~~1382~~

59.6 2691

39.0

1st Plant

O. I. No.	T. S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT ENERG. (50%)	% STAND	D A T E S				P A I T H. (IN.)	O D 1 NG %	E A F SPOT	SHAY TIZING
					HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
		Edith (Check)	45 1220 2001 etal	100	7/26	8/8	8/20	8/30	39		+T+	
			45 1320 2001 etal	100	7/25	8/9	8/19	8/30	39			
			62 1420 62	95	8/3	8/14	8/22	7/2	42			
				98	7/28	8/10	8/20	8/31	40			
		283A2-9-4	1221 3087	95	8/9	8/19	8/29	9/5	46		+T+	
			1321	95	8/7	8/19	8/28	9/4	44			
			1421	95	8/7	8/18	8/28	9/4	45			
				95	8/8	8/19	8/28	9/4	45			
		283A2-9-6	1222 3089	95	8/6	8/19	8/27	9/4	46		+T+	
			1322	95	8/3	8/17	8/26	9/3	43			
			1422	95	8/2	8/16	8/26	9/3	44			
				95	8/4	8/17	8/26	9/3	44			
		283A2-9-8	1223 3092	95	8/9	8/19	8/28	9/6	45		+T+	
			1323	95	8/6	8/19	8/27	9/5	44			
			1423	90	8/3	8/18	8/26	9/4	45			
				93	8/6	8/19	8/27	9/5	45			
		283A2-10-2	1224 3094	95	8/9	8/19	8/30	9/6	45		+T+	
			1324	95	8/8	8/19	8/28	9/6	44			
			1424	95	8/4	8/19	8/27	9/6	44			
				95	8/7	8/19	8/28	9/6	44			
		283A3-2-1	1225 3096	95	8/12	8/25	9/1	9/10	45		+T++	
			1325	90	8/7	8/27	9/1	9/9	45			
			1425	90	8/6	8/21	8/29	9/8	48			
				92	8/9	8/24	8/31	9/9	46			
		283A3-5-5	1226 3122	95	8/6	8/15	8/21	9/4	43		+T+	
			1326	95	8/3	8/15	8/20	9/2	41			
			1426	95	7/31	8/13	8/19	9/2	44			
				95	8/3	8/14	8/20	9/3	43			
		283A2-8-3	1227 3076	95	8/2	8/13	8/24	9/2	43		+T+	
			1327	95	8/1	8/13	8/21	9/2	42			
			1427	95	7/31	8/13	8/21	9/3	43			
				95	8/1	8/13	8/22	9/2	43			
		283A2-8-5	1228 3078	95	8/2	8/13	8/21	9/2	44			
			1328	85	8/3	8/15	8/22	9/3	44		+T+	
			1428	85	8/1	8/13	8/22	9/2	44			
				88	8/2	8/14	8/22	9/2	44			
		283A1-1-1	1229 3001	95	8/5	8/14	8/27	9/5	46		+T+	
			1329	90	8/6	8/16	8/29	9/4	45			
			1429	90	8/2	8/15	8/28	9/4	47			
				92	8/4	8/15	8/29	9/4	46			

1st Plant

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT HT. (IN.)	ODG-ING %	LEAF SPOT	SHATT-TERING
					HEADING 1ST FULL	RIPENING 1ST FULL		HARV-ESTED				
		Texas Fortuna (Check)	1230	100	8/24	8/30						
			1330	95	8/24	8/30						
			1430	85	8/24	8/30						
				93	8/24	8/30	9/10	9/23	—	—		
		283A 1-1-2	1231	3002	90	8/6	8/20	8/29	9/5	45	+T=least	
			1331	90	8/11	8/21	8/31	9/5	46			
			1431	95	8/6	8/17	8/27	9/4	42			
				92	8/8	8/19	8/29	9/5	—	46		
		283A 1-1-4	1232	3004	95	7/30	8/13	8/21	9/1	44	+T+	
			1332	95	7/31	8/14	8/22	9/2	43			
			1432	95	8/1	8/14	8/22	9/3	—	46		
				95	7/31	8/14	8/22	9/2	—	44		
		283A 1-1-5	1233	3005	95	8/2	8/13	8/22	9/2	44	+T+	
			1333	95	8/3	8/14	8/22	9/2	45			
			1433	90	8/1	8/14	8/24	9/3	—	44		
				93	8/2	8/14	8/23	9/2	—	44		
		283A 1-1-7	1234	3007	95	8/6	8/15	8/30	9/3	47	+T+	
			1334	95	8/6	8/15	8/27	9/4	46			
			1434	90	8/2	8/15	8/27	9/5	—	47		
				93	8/5	8/15	8/28	9/4	—	47		
		283A 1-1-8	1235	3008	95	8/6	8/13	8/29	9/3	47	+T+	
			1335	95	8/3	8/15	8/25	9/4	48			
			1435	90	8/1	8/15	8/25	9/5	—	46		
				93	8/3	8/14	8/26	9/4	—	47		
		283A 1-1-9	1236	3009	95	8/3	8/15	8/29	9/3	47	+T+	
			1336	95	8/6	8/17	8/27	9/4	45			
			1436	95	8/1	8/17	8/25	9/6	—	45		
				95	8/3	8/16	8/27	9/4	—	46		
		283A 2-2-1	1237	3044	95	8/6	8/19	8/29	9/3	48	+T++	
			1337	95	8/6	8/19	8/27	9/5	45		L	
			1437	95	8/4	7/20	8/27	9/6	—	42		
				95	8/5	8/19	8/28	9/5	—	45		
		283A 2-2-2	1238	3045	100	8/8	8/19	8/28	9/5	46	L	
			1338	95	8/8	8/19	8/28	9/5	45		+T++	
			1438	95	8/6	8/19	8/28	9/6	—	44		
				97	8/7	8/19	8/28	9/5	—	45		
		283A 2-2-3	1239	3046	100	8/9	8/19	8/28	9/3	47	L	
			1339	95	8/9	8/19	8/29	9/5	43			
			1439	95	8/6	8/19	8/28	9/5	—	44		
				97	8/8	8/19	8/28	9/4	—	45		

1st plant

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT HT. (IN.)	LODGE- ING %	LEAF SPOT	SHAP- PING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARVESTED					
		Edith (Check)	45	1240	2001	7/26	8/8	8/20	9/30	40		
			62	1340	62	8/3	8/15	8/22	9/3	43		
			62	1440	"	8/1	8/14	8/22	9/3	41		
					97	8/31	8/12	8/21	9/2	41		
<u>Dis</u>		283A2-3-2		1241	3048	8/5	8/15	8/27	9/4	46	+T+	
				1341		8/6	8/14	8/26	9/3	44		
				1441		8/1	8/17	8/25	9/6	45		
					93	8/4	8/15	8/26	9/4	45		
<u>SR</u>		283A2-4-1		1242	3051	8/5	8/18	8/27	9/4	45	✓	
				1342		8/3	8/16	8/25	9/4	42	✓	
				1442		8/2	8/18	8/26	9/5	44		
					97	8/3	8/17	8/26	9/4	44		
<u>SR</u>		283A2-4-5		1243	3055	8/6	8/18	8/27	9/4	45	+T+	
				1343		8/5	8/16	8/26	9/4	44		
				1443		8/3	8/18	8/26	9/5	44		
					97	8/5	8/17	8/26	9/4	44		
<u>Dis</u>		283A2-5-2		1244	3057	8/5	8/18	8/26	9/4	44	+T+	
				1344		8/6	8/16	8/27	9/4	44	✓	
				1444		8/3	8/19	8/25	9/5	43		
					95	8/5	8/18	8/26	9/4	44		
<u>SR</u>		283A2-5-4		1245	3059	8/2	8/16	8/22	9/4	46	+T+	
				1345		8/6	8/16	8/26	9/4	46		
				1445		8/4	8/16	8/25	9/4	44		
					95	8/4	8/16	8/24	9/4	45		
<u>SR</u>		283A2-5-7		1246	3063	8/6	8/17	8/26	9/4	49	+T+	
				1346		8/3	8/16	8/28	9/4	44		
				1446		8/1	8/16	8/25	9/4	45		
					93	8/3	8/16	8/26	9/4	44		
<u>SR</u>		283A2-6-2		1247	3065	8/7	8/17	8/29	9/5	45	+T+	
				1347		8/6	8/16	8/27	9/4	45	✓	
				1447		8/3	8/16	8/26	9/5	44		
					95	8/5	8/16	8/27	9/5	45		
<u>SR</u>		283A2-7-1		1248	3067	8/9	8/19	8/29	9/6	44	+T+	
				1348		8/3	8/16	8/26	9/4	42		
				1448		8/6	8/17	8/27	9/4	43		
					97	8/6	8/17	8/27	9/5	43		
<u>SR</u>		283A2-7-3		1249	3069	8/6	8/20	8/26	9/5	43	+T+	
				1349		8/6	8/17	8/28	9/4	43		
				1449		8/4	8/17	8/27	9/5	44		
					90	8/5	8/18	8/27	9/5	43		

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER		DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT HT. (IN.)	LOGG- ING %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
		Texas Fortuna (Check)	1250	2010 etal	95	8/24	8/30						+T
			1350	"	95	8/23	8/30						
			1450	"	95	8/24	8/30						
					95	8/24	8/30	9/10	9/23				
		283A2-7-4	1251	3071	95	8/11	8/20	8/30	9/5	43		+T+	
			1351		95	8/8	8/18	8/28	9/3	43			
			1451		95	8/3	8/15	8/25	9/4	44			
					95	8/8	8/18	8/28	9/4	43			
		283A2-7-6	1252	3073	100	8/9	8/19	8/29	9/4	43		+T+	
			1352		95	8/6	8/18	8/27	9/4	42			
			1452		95	8/2	8/15	8/26	9/4	43			
					97	8/6	8/17	8/27	9/4	43			
		283A3-5-1	1253	3117	95	8/6	8/18	8/26	9/9	45		+T=t	
			1353		95	8/6	8/21	8/26	9/8	45			
			1453		95	8/1	8/21	8/24	9/8	47			
					95	8/4	8/20	8/25	9/8	46			
		283A3-5-8	1254	3125	95	8/15	8/25	9/1	9/10	44		+T+	
			1354		95	8/9	8/24	8/30	9/10	45			
			1454		95	8/9	8/24	9/1	9/10	48			
					95	8/11	8/24	8/31	9/10	46			
		283A3-7-1	1255	3132	95	8/9	8/19	8/28	9/4	43		✓	
			1355		90	8/8	8/18	8/28	9/4	42		+T+	
			1455		95	8/1	8/14	8/21	9/4	45			
					93	8/6	8/17	8/26	9/4	43			
		283A3-7-3	1256	3134	95	8/7	8/19	8/29	9/5	43		+T+	
			1356		95	8/6	8/16	8/26	9/4	44			
			1456		95	8/1	8/14	8/21	9/5	46			
					95	8/5	8/16	8/25	9/5	44			
		283A3-7-5	1257	3136	100	8/6	8/19	8/28	9/4	42		✓	
			1357		95	8/8	8/18	8/28	9/5	42		+T+	
			1457		95	7/31	8/14	8/21	9/5	46			
					97	8/5	8/17	8/26	9/5	43			
		283A3-7-7	1258	3138	95	8/6	8/19	8/28	9/8	43		✓	
			1358		95	8/4	8/18	8/26	9/5	43		+T+	
			1458		95	8/2	8/15	8/27	9/6	45			
					95	8/4	8/17	8/27	9/6	44			
		283A3-2-5	1259	3101	100	8/13	8/24	9/1	9/10	42		++T+	
			1359		95	8/12	8/25	9/1	9/10	44			
			1459		95	8/10	8/23	8/29	9/9	49			
					97	8/12	8/24	8/31	9/9	45			

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA														
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD	BU.		HEAD TOTAL	RICE													RICE

appears to be seg. for maturity in 'all' series 8/21

excellent grain quality

5 521/3

1st Plant

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER		DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING	
						HEADING		RIPENING						HARV- ESTED
						1ST	FULL	1ST	FULL					
		Edith (Check)	45	1260	2001 et al	95	1/27	8/8	8/20	8/31	40			
			62	1360	62	95	8/3	8/13	8/22	9/2	41			
			62	1460	"	95	7/28	8/12	8/20	9/3	46			
						95	8/30	8/11	8/21	9/2	42			
SR		283A3-3-4		1261	3/07	90	8/13	8/24	9/2	9/10	46		+ F=th	
				1361		25	8/13	8/23	9/1	9/10	45			
				1461		95	8/10	8/22	9/1	9/10	48			
		End				93	8/12	8/23	9/1	9/10	46			
		283A		1262										
				1362										
				1462										
		283A		1263										
				1363										
				1463										
		283A		1264										
				1364										
				1464										
		283A		1265										
				1365										
				1465										

3158 - 27
19 28
3189
29

Rows 16 feet in length instead of customary 16.5 feet.

all plots

85% ripe

moisture determinations at time of cutting

Q. I. No.	T. S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED					
		Edith	1501		7/27	8/6	8/16	8/28	8/16			
			1601						8/16			
			1701						8/16			
		Caloro	1502		8/6	8/14	8/25	9/7	9/26			
			1602						9/26			
			1702						9/26			
		S. Blue Rose	1503		8/22	8/31	9/13	9/25	9/13			
			1603						9/13			
			1703						9/13			
		Edith	1504						8/18			
			1604						8/18			
			1704						8/18			
									8/18			

Yield of rough rice in pounds per acre determined by multiplying total yield in grams from all three series by 2.

DAYS TO MATURITY FROM		GMS. PER ROW	YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		moisture %	Wt Per 100 Kernels (Gms)			
PLANT EMERG.	1ST HEAD		BU.	LBS.	BBL.		HEAD RICE	TOTAL RICE		Before Removing Hull	After Removing Hull		
		330				30	46	90		2.50	1.79	275	55
		332				29	60	93		2.38	1.57	38.5	58
		308				29				2.29	1.51		
		970	43.1	1940		29.3				2.39 ✓	1.62 ✓	33.0	56.5
		440				35	79	108	36.4	2.43	1.89	57.5	74
		510				36	79	108	38.0	2.49	1.95	59.5	74
		469				35	76	108	35.6	2.43	1.85	54.0	74
		1419	63.1	2838		35.3			36.7 ✓	2.45 ✓	1.90 ✓	56.3	74.0
		361				35	81	103	35.2	2.63	2.01	60.0	68
		332				35	80	104	37.2	2.64	1.93	58.5	69
		399				36	83	104	38.0	2.66	1.97	61.5	69
		1092	42.5	2184		35.3			36.8 ✓	2.64 ✓	1.97 ✓	60.0	68.7
		320				30	52	97	36.0	2.53	1.81	32.0	61
		360				31	63	100	36.0	2.65	1.94	41.0	65
		373				32	63	99	36.8	2.55	1.74	41.0	64
		1053	46.8	2106		31.0			36.8 ✓	2.58 ✓	1.83 ✓	38.0	63.8

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (89%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
		Caloro	1505				8/28				
			1605				8/28				
			1705				8/28				
		S. Blue Rose	1506				9/15				
			1606				9/15				
			1706				9/15				
		Edith	1507				9/20				
			1607				9/20				
			1707				9/20				
		Caloro	1508				9/30				
			1608				9/30				
			1708				9/30				

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		Moisture %	Wt. Per 100 Kernels (Gms)			
PLANT	1ST HEAD	GMS. PER ROW	BU.	LBS.	BBL.	HEAD	TOTAL RICE		with Hull	without Hull		
426			36	82	108	34.4	2.40	1.80	61.0	74		
448			38	83	108	36.0	2.67	2.13	61.5	74		
549			38	86	111	35.2	2.74	2.21	64.0	77		
1421	63.2	2842	37.3			35.2	2.60	2.05	62.2	75		
410			35	78	101	32.8	2.52	1.87	56.5	66		
341			35	80	104	34.8	2.66	1.99	58.5	69		
421			36	81	105	34.8 34.8	2.58	1.91	60.0	70		
1172	52.1	2344	35.3			33.9	2.59	1.92	58.3	68.3		
349			33	79	123	32.4	2.82	2.01	57.5	68		
345			33	79	104	32.8	3.06	2.22	57.5	69		
468			35	76	105	34.2	3.01	2.23	54.0	70		
1162	51.6	2324	33.7			33.1	2.96	2.15	56.3	69.0		
491			38	89	111	30.0	2.70	2.09	66.0	77		
450			40	93	113	30.4	2.70	2.13	69.0	78		
600			39	90	113	28.4	2.85	2.33	67.0	78		
1541	68.5	3082	39.0			29.6	2.75	2.18	67.3	77.7		

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAW TENDING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				

S. Blue Rose 1509

9/18

1609

9/18

1709

9/18 11/18

Edith 1510

9/22

1610

9/22

1710

9/22

Caloro 1511

9/1

1611

9/1

1711

9/1

S. Blue Rose 1512

9/19

1612

9/19

1712

9/19

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		Wt Per 100 Kernels (Gms.)			
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD			HEAD RICE	TOTAL RICE	Moisture %	with Hull	without Hull	
			BU. LBS. BLS.								
		416			37	85	105	30.0	2.81	2.15	63.0 70
		385			36	85	105	32.4	2.89	2.20	63.0 70
		451			36	86	106	33.2	2.76	2.09	64.0 72
		1252	55.6	2504	36.3			31.9	2.82	2.15	63.3 70.7
		361			36	88	108	28.4	3.20	2.41	65.5 74
		345			34	80	105	30.6	2.96	2.18	58.5 70
		438			34	81	105	30.6	3.00	2.23	60.0 70
		1144	50.8	2288	34.7			29.9	3.05	2.29	61.3 71.3
		448			40	97	114	32.2	2.75	2.15	72.0 79
		439			40	99	114	33.0	2.87	2.32	73.5 79
		560			40	95	113	30.8	2.93	2.37	70.5 78
		1437	63.9	2874	40.0			32.0	2.85	2.28	72.0 78.7
		403			38	85	106	28.8	2.93	2.21	63.0 72
		365			39	87	107	28.8	2.89	2.22	64.5 73
		470			39	90	108	29.2	2.88	2.19	67.0 74
		1238	55.0	2476	38.7			28.9	2.90	2.21	64.5 73.0

O. I. No.	T. S. No.	VARIETY NAME OR SELECTION NUMBER		DATE PLANT EMERG. (50%)	% STAND	D A T E S			PLANT HT. (IN.)	LOGG- ING %	LEAF SPOT	SHAW- TENDING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
		Edith	1513					9/24				
			1613					9/24				
			1713					9/24				
		Caloro	1514					9/3				
			1614					9/3				
			1714					9/3				
		S. Blue Rose	1515					9/21				
			1615					9/21				
			1715					9/21				
		Edith	1516					9/26				
			1616					9/26				
			1716					9/26				

Wt. Per 100

Kernels (Gms.)

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		Moisture %	Kernels (Gms.)			
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE YIELD	BU. LBS. BBL.		HEAD RICE	TOTAL RICE		with Hull	without Hull		
		284			35	86	107	30.2	3.07	2.27	64.0	73
		342			36	83	106	28.0	3.14	2.35	61.5	72
		494			37	85	108	29.8	3.20	2.44	63.0	74
		1120	49.8	2240	36.0			29.3 ✓	3.14 ✓	2.35 ✓	62.8	73
		442			41	101	114	27.2	2.91	2.35	75.0	79
		446			42	102	116	27.2	3.03	2.48	76.0	80
		614			41	96	115	27.2	2.91	2.36	71.5	78
		1502	66.8	3004	41.3			27.2 ✓	2.95 ✓	2.40 ✓	74.2	79
		452			38	94	108	27.2	2.89	2.22	70.0	74
		415			39	91	108	28.4	3.07	2.37	67.5	74
		474			39	89	108	27.2	3.08	2.37	66.0	74
		1341	59.6	2682	38.7			27.6 ✓	3.01 ✓	2.32 ✓	67.8	74
		417			36	90	107	30.0	3.11	2.39	67.0	73
		353			38	95	110	29.2	3.35	2.59	70.5	76
		526			37	89	108	30.4	3.07	2.29	66.0	74
		1296	57.6	2592	37.0			29.9 ✓	3.18 ✓	2.42 ✓	67.8	74.3

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (80%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAW- TENDING
					HEADING 1st FULL	RIPENING 1st FULL	HARV- ESTED				
		Caloro	1517				9/5				
			1617				9/5				
			1717				9/5				
		S. Blue Rose	1518				9/24				
		1615 grad now harvested	1618				9/24				
			1718				9/24				
		Edith	1519				9/28				
			1619				9/28				
			1719				9/28				
		Caloro	1520				9/7				
			1620				9/7				
			1720				9/7				

DAYS TO MATURITY FROM			YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		Wt. Per 100 Kernels (Gms.)						
PLANT EMERG.	1ST HEAD	PER ROW	BU.	LBS.	BBLs.		HEAD RICE	TOTAL RICE	Moist-ure %	with Hull	without Hull				
		355				41	99	113	25.6	2.94	2.35	73.5	78		
		396				42	101	116	24.4	3.02	2.45	75.0	80		
		583				41	99	114	23.6	2.94	2.41	73.5	79		
		1534	68.2	3068		41.3			24.5	2.97	2.40	74.0	79		
		395				39	93	108	25.6	2.94	2.27	69.0	74		
		427				41	95	110	26.8	3.20	2.48	70.5	76		
		557				38	91	108	25.6	2.94	2.25	67.5	74		
		1379	61.3	2758		39.3			26.0	3.03	2.33	69.0	74.7		
		354				35	84	106	30.4	3.06	2.20	63.5	72		
		390				37	87	107	31.8	3.24	2.45	64.5	73		
		501				37	89	108	32.0	3.16	2.35	66.0	74		
		1245	55.3	2490		36.5			31.4	3.15	2.33	64.3	73		
		462				40	95	113	23.6	2.94	2.35	70.5	78		
		513				41	97	111	24.4	2.93	2.39	72.0	77		
		508				40	95	113	24.4	2.88	2.33	70.5	78		
		1483	65.9	2966		40.3			24.1	2.92	2.36	71.0	77.7		

O. I. No.	T. S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (80%)	% STAND	D A T E S			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
		S. Blue Rose	1521				9/25				
			1621				9/25				
			1721				9/25				
		Edith	1522				9/30				
		✓ 1622					9/30				
			1722				9/30				
		Caloro	1523				9/9				
			1623				9/9				
			1723				9/9				
		S. Blue Rose	1524				9/28				
			1624				9/28				
			1724				9/28				

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		Wt PER 100 Kernels (Gms)					
PLANT EMERG.	1ST HEAD	GMS. PER ROW	BU.	LBS.	BBL.	HEAD RICE	TOTAL RICE	Moisture %	with Hull	without Hull			
		367				38	95 108	25.2	2.92	2.18	70.5	74	
		438				40	89 106	26.8	3.16	2.45	66.0	72	
		481				39	87 106	24.8	2.93	2.29	64.5	72	
		1286	57.0	25	72	39.0		25.6	3.00	2.31	67.0	72.7	
		370				37	87 106	27.6	3.13	2.36	64.5	72	
		460				38	94 110	25.2	3.45	2.66	70.0	76	
		475				38	87 107	27.2	3.21	2.45	64.5	73	
		1306	58.0	26	10	37.7		26.7	3.26	2.49	66.3	73.7	
		432				40	94 111	20.2	2.83	2.25	70.0	77	
		514				41	103 116	23.2	3.04	2.48	76.5	80	
		608				40	97 113	23.2	3.03	2.47	72.0	78	
		1554	69.1	31	08	40.3		22.1	2.97	2.40	72.8	78.3	
		403				37	80 105		2.99	2.20	58.5	70	
		456				39	96 110		3.13	2.42	71.5	76	
		533				38	86 106		2.94	2.20	64.0	72	
		1392	61.9	27	84	38.0			3.02	2.27	64.7	72.7	

Rain - moisture tests
impossible to make

O. I. No.	T. S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAW- TERRING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
		Edith Rose	1525				9/1				
			1625				9/1				
			1725				9/1				
		Calora	1526				9/11				
			1626				9/11				
			1726				9/17				
		Supreme Blue Rose	1527				9/29				
			1627				9/29				
			1727				9/29				
		Edith	1528				9/3				
			1628				9/3				
			1728				9/3				

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		Moist. %	Wt. Per 100 Kernels (Gms.)					
PLANT	1ST	GMS. PER ROW	BU.	LBS.	BBL.	HEAD	TOTAL		With Hull	Without Hull				
ENERG.	HEAD					RICE	RICE							
		401				37	91. 108	32.4	3.14	2.36		67.5	74	
		456				36	89. 107	31.6	3.10	2.35		66.0	73	
		541				37	89. 108	32.3	3.22	2.47		66.0	74	
		1398	62.1	2796		36.7		32.3 ✓	3.15 ✓	2.39 ✓		66.5	73.7	
		504				40	97 111	24.6	2.88	2.34		72.0	77	
		734				39	97 111	24.0	3.02	2.48		72.0	77	
		516				40	98 113	25.2	2.91	2.34		73.0	78	
		1754	78.0	3508		39.7		24.6 ✓	2.94 ✓	2.39 ✓		72.3	77.3	
		416				38	85 10.6	25.2	2.91	2.17		63.0	72	
		449				38	88 107	26.0 25.5	2.78	2.05		65.5	73	
		501				38	85. 106	24.8	2.87	2.17		63.0	72	
		1366	60.7	2732		38.0		25.3 ✓	2.85 ✓	2.13 ✓		63.8	72.3	
		478				38	91 108	23.6	3.22	2.40		67.5	74	
		416				38	86 107	25.6	3.12	2.37		64.0	73	
		532				38	90 108	24.4	3.53	2.55		67.0	74	
		1426	63.4	2852		38.0		24.5 ✓	3.22 ✓	2.44 ✓		66.2	73.7	

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (80%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHADE TENDING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
		Caloro	1529				9/13				
			1629				9/13				
			1729				9/13				
		Supreme Blue Rose	1530								
			1630								
			1730								
							9/1				
		Edith	1531				9/5				
			1631				9/5				
			1731				9/5				
		Caloro	1532				9/15				
			1632				9/15				
			1732				9/15				

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		Moisture %	Wt. Per 100 Kernels (Gms.)			
PLANT	1ST HEAD	GMS. PER ROW	ACRE	YIELD		HEAD	TOTAL		With Hull	Without Hull		
EMERG.			BU.	LBS.	BBL.	RICE	RICE					
		478				40	90 108	20.0	3.01	2.40	67.0	74
		495				40	92 110	19.2	2.90	2.32	68.5	76
		583				40	9.7 113	20.8	3.04	2.51	72.0	78
		1556	69.2 ✓	3112		40.0		20.0 ✓	2.98 ✓	2.41 ✓	69.2	76
		373				37	84 105	22.0	2.78	2.04	62.5	70
		399				38	8.7 107	23.2	2.93	2.17	64.5	73
		423				38	9.0 108	22.0	2.87	2.14	67.0	74
		1195	53.1 ✓	2390		37.7		22.4 ✓	2.86 ✓	2.12 ✓	64.7	72.3
		413				36	85 106	22.4	3.00	2.21	63.0	72
		418				37	89 108	25.2	3.23	2.46	66.0	74
		486				37	88 10.7	23.2	3.04	2.25	65.5	73
		1317	58.5 ✓	2634		36.7		23.6 ✓	3.09 ✓	2.31 ✓	64.8	73
		457				38	90 108	19.3	2.78	2.19	67.0	74
		477				41	99 114	20.3	2.90	2.36	73.5	79
		455				40	95 113	20.6	2.86	2.28	70.5	78
		1389	61.7 ✓	2778		39.7		20.1 ✓	2.85 ✓	2.28 ✓	70.3	77

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (80%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
		Supreme Blue Rose	1533								
			1633								
			1733								
								10/3			
		Edith	1534					9/7			
			1634					9/7			
			1734					9/7			
		Caloro	1535					9/13			
			1635					9/12			
			1735					9/12			
		Supreme Blue Rose	1536								
			1636								
			1736								
								10/3			

DAYS TO MATURITY FROM		YIELD DATA				TEST PER BU. (LBS.)	MILLING DATA		Moist-ure %	Wt Per 100 Kernels (Gms)					
PLANT EMERG.	1ST HEAD	GMS PER ROW	BU.	LBS.	BBL.		HEAD RICE	TOTAL RICE		with Hull	without Hull				
		385				38	85	106	19.7	2.93	2.26	63.0	72		
		433				39	91	108	20.2	2.99	2.30	67.5	74		
		462				38	89	108	19.3	2.82	2.13	66.0	74		
		1280	56.9 ✓	2560		38.3			19.7 ✓	2.91 ✓	2.21 ✓	65.5	73.3		
		434				35	80	105	22.8	3.01	2.30	58.5	70		
		447				39	92	108	24.0	3.27	2.49	68.5	74		
		472				38	93	110	25.2	3.39	2.62	69.0	76		
		1353	60.1 ✓	2706		37.3			24.0 ✓	3.22 ✓	2.47 ✓	65.3	73.3		
		545				40	90	110	15.6	2.98	2.38	67.0	76		
		533				41	97	113	17.2	2.82	2.24	72.0	78		
		509				41	97	113	17.9	2.99	2.44	72.0	78		
		1587	70.5 ✓	3174		40.7			16.9 ✓	2.93 ✓	2.35 ✓	70.3	77.3		
		488				40	87	108	17.3	3.00	2.28	64.5	74		
		404				39	93	108	19.2	3.12	2.41	69.0	74		
		447				39	94	110	19.9	3.02	2.36	70.0	76		
		1339	59.5 ✓	2678		39.3			18.8 ✓	3.06 ✓	2.35 ✓	67.8	74.7		

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG. ING %	LEAF SPOT	SHAP- TERRING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
		Edith	1537				9/9				
			1637				9/9				
			1737				9/9				
		Caloro	1538				9/9				
			1638				9/9				
			1738				9/9				
		Supreme Blue Rose	1539								
			1639								
			1739								
		Edith	1540				9/11				
			1640				9/11				
			1740				9/11				

DAYS TO MATURITY FROM PLANT EMERG.		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		Moist-ure %	Wt. per 100 Kernels (Gms.)			
1ST HEAD	PER ROW	GMS.	ACRE	YIELD		HEAD RICE	TOTAL RICE		With Hull	Without Hull		
			BU.	LBS.	BBS.							
427						37	89 108	23.2	3.14	2.26	66.0	74
413						38	91 108	21.6	3.25	2.48	67.5	74
407						38	96 110	23.2	3.35	2.56	71.5	76
1297	57.6 ✓	2594				37.7		22.7 ✓	3.24 ✓	2.43 ✓	68.3	74.7
602						41	99 113	15.4	2.89	2.34	73.5	78
500						41	99 113	15.1	2.91	2.37	73.5	78
540						42	103 116	16.1	3.05	2.47	76.5	80
1642	73.0 ✓	3284				41.3		15.5 ✓	2.95 ✓	2.39 ✓	74.5	78.7
470						40	91 108	18.1	2.99	2.30	67.5	74
514						41	95 110	18.6	3.06	2.37	70.5	76
545						41	97 111	19.1	3.17	2.51	72.0	77
1529	68.0 ✓	3058				40.7		18.6 ✓	3.09 ✓	2.39 ✓	70.0	75.7
457						38	92 108	24.0	3.22	2.39	68.5	74
430						37	93 110	26.4	3.31	2.54	69.0	76
419						39	96 110	25.2	3.40	2.58	71.5	76
1306	58.0 ✓	2612				38.0		25.2 ✓	3.31 ✓	2.50 ✓	69.7	75.3

O.I. No.	T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHATH TESTING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
		Caloro	1541				9/21				
			1641				9/21				
			1741				9/21				
		Supreme Blue Rose	1542								
			1642								
			1742								
							10/9				
		Edith	1543				9/13				
			1643				9/13				
			1743				9/13				
		Caloro	1544				9/24				
			1644				9/24				
		1744 grain not harvested	1744				9/24				

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		Moist. %	Wt. Per 100 Kernels (Gms.)					
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE	YIELD		HEAD	TOTAL		With Hull	Without Hull				
			BU.	LBS.	BBL.		RICE	RICE						
		469				41	99	113	16.1	3.02	2.44	73.5	78	
		533				40	96	113	16.2	3.01	2.45	71.5	78	
		490				41	99	113	16.5	3.09	2.56	73.5	78	
		1492	66.3	2984		40.7			16.3	3.04	2.48	72.8	78	
		485				40	91	108	21.4	2.93	2.20	67.5	74	
		451				39	89	108	21.2	2.94	2.20	66.0	74	
		517				40	87	107	21.5	3.16	2.45	64.5	73	
		1453	64.6	2906		39.7			21.4	3.01	2.29	66.0	73.7	
		466				36	85	106	22.4	3.15	2.33	63.2	72	
		481				37	87	107	20.4	3.15	2.40	64.5	73	
		422				37	96	108	24.0	3.08	2.59	71.5	74	
		1369	60.8	2738		36.7			22.5	3.13	2.44	66.3	73	
		528				40	93	110	15.8	2.88	2.33	69.0	76	
		569				42	92	111	15.0	2.88	2.32	68.5	77	
		487				42	97	113	16.3	2.94	2.39	72.0	77	
		1584	70.4	3168		41.3			15.7	2.90	2.35	69.8	77	

O. I. No.	T. S. No.	VARIETY NAME OR SELECTION NUMBER	DATE PLANT EMERG. (80%)	% STAND	No.	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
		Supreme Blue Rose	1545									
			1645									
			1745									
									10/11			
		Edith	1546						9/15			
			1646						9/15			
		1740 grand row harvested	1746						9/15			
		Caloro	1547						9/25			
			1647						9/25			
		1738 grand row harvested	1747						9/25			
		Supreme Blue Rose	1548									
			1648									
			1748									
									10/13			

DAYS TO MATURITY FROM		YIELD DATA			TEST PER BU. (LBS.)	MILLING DATA		Moist-ure %	Wt. per 100 Kernels (Gms.)		Milling Data	
PLANT EMERG.	1ST HEAD	GMS. PER ROW	ACRE	YIELD		HEAD RICE	TOTAL RICE		With Hull	Without Hull		
			BU.	LBS.	BBS.							
		450				40	93 108	17.7	3.07	2.34	69.0	74
		446				40	91 108	17.8	2.91	2.24	67.5	74
		581				41	95 108	17.2	3.05	2.38	70.5	74
		1477	65.6	2954		40.3		17.6	3.01	2.32	69.0	74
		480				39	90 108	21.6	3.27	2.49	67.0	74
		442				38	85 107	23.2	3.24	2.50	63.0	73
		383				38	99 108	24.0	3.20	2.39	66.0	74
		1305	58.0	2610		32.7		22.9	3.24	2.46	65.3	73.7
		517				39	95 111	17.1	2.97	2.44	70.5	77
		677				40	96 111	16.7	2.91	2.32	71.5	77
		500				42	101 114	17.1	2.98	2.45	75.0	79
		1694	75.3	3388		40.3		17.0	2.95	2.40	72.3	77.7
		425				41	92 110	17.9	3.04	2.33	68.5	76
		418				39	81 107	17.6	2.92	2.21	60.0	73
		502				40	81 106	18.0	2.92	2.19	60.0	72
		1395	62.0	2790		40.0		17.8	2.96	2.24	62.8	73.7

These varieties lodged severely after storm on 8/10

Natural Crossing Study

Sown 5-1

2 seeds per space (4 inches exactly) spacing board used

			1st Head	10%	50%	75%	100 90	1st Ryp	Fully Ripe	Date Harv.	Plant Ht.
Colusa Guard Row	1										
Colusa	1	1801	7/27	7/29	8/2	8/4	8/9	8/19	8/29		46
Asahi Mochi	6604-1	1802	7/28	7/26	7/28	7/30	8/4	8/19	8/29	9/1	47
Colusa	1	1803	7/28	7/30	8/2	8/4	8/8	8/19	8/29		46
Asahi Mochi	6604-4	1804	-								
Asahi Mochi	6604-1	1805	7/23	7/26	7/28	7/30	8/4	8/19	8/29	9/1	47
Asahi Mochi	6604-4	1806									
Colusa	1	1807	7/23	7/27	8/2	8/5	8/8	8/19	8/29		46
Asahi Mochi	6604-4	1808									
Asahi Mochi	6604-8	1809									
Asahi Mochi	6604-1	1810	7/25	7/27	7/30	8/1	8/5	8/19	8/29	9/1	47
Asahi Mochi	6604-8	1811									
Asahi Mochi	6604-8	1812									
Colusa	1	1813	7/28	7/30	8/3	8/6	8/9	8/19	8/29		46
Colusa Guard Row	1										
Colusa average			7/27	7/30	8/2	8/5	8/8	8/19	8/29		46

Edith Guard Row

Edith

5309

Edith

5309

5309

5309

5309

5309

5309

5309

5309

5309

5309

5309

5309

5309

5309

5309

5309

5309

5309

5309

45

45

6630-26

45

6630-27

6630-26

6630-27

45

6630-27

6630-27

6630-26

6630-1

6630-1

45

45

Edith Average

7/29	8/3	8/6	8/8	8/11	8/24	9/3	Harv.
8/3	8/5	8/7	8/9	8/12	8/25	9/5	
7/28	8/2	8/5	8/8	8/11	8/24	9/5	
7/31	8/5	8/7	8/9	8/12	8/25	9/5	
7/28	8/2	8/5	8/8	8/11	8/24	9/5	
7/30	8/4	8/6	8/9	8/12	8/24	9/5	
7/29	8/3	8/6	8/8	8/11	8/24	9/5	

55

65

55

65

55

65

55

55

Number			Plants show- ing cross- ing	Plants show- ing cross- ing	Number Kernels			% Natural- Crossing
Plants	pan- icle	Plants			Glut- inous	Starchy	Total	

52 418 37 71.2 36,918 73 31,991 .228

44 245 24 54.5 20,436 93 20,469 .161

40 273 22 55.0 20,149 45 20,194 .223

51 303 12 23.5 19,896 22 19,918 .110

51 272 13 25.5 18,477 15 18,492 .081

46 247 15 32.6 16,016 17 16,033 .106

			Dates										Plant HT
			Heading					Ripe					
			1st	10%	50%	75%	100%	1st	Full	Harv.			
5205	Guard Row	1069											
5205		1069	1827	8/9	8/15	8/16	8/17	8/19	8/30	9/8	60		
3625-1		6631-13	1828	8/9	8/11	8/14	8/16	8/19	8/27	9/8 9/10	60		
5205		1069	1829	8/10	8/14	8/15	8/17	8/19	8/30	9/8	60		
3625-1		6631-4	1830										
3625-1		6631-13	1831	8/8	8/11	8/13	8/15	8/19	8/27	9/8 9/10	60		
3625-1		6631-4	1832										
5205		1069	1833	8/10	8/12	8/14	8/17	8/19	8/30	9/8	60		
3625-1		6631-4	1834										
3625-1		6631-6	1835										
3625-1		6631-13	1836	8/10	8/12	8/14	8/16	8/20	8/27	9/8 9/10	60		
3625-1		6631-6	1837										
3625-1		6631-6	1838										
5205		1069	1839	8/12	8/14	8/15	8/17	8/19	8/30	9/8	60		
5205	Guard Row	1069											
		5205 Average		8/10	8/14	8/15	8/17	8/19	8/30	9/8	60		
	Supreme Blue Rose Guard Row	Panicle Sel.	1840	8/23	8/24	8/26	8/28	8/30	9/13	9/27	52		
5399	Supreme Blue Rose	6632-38	1841	8/23	8/24	8/26	8/28	8/30	9/13	9/27	45		
	Supreme Blue Rose	Panicle Sel.	1842	8/23	8/25	8/26	8/28	8/30	9/13	9/27	52		
5399		6632-53	1843										
5399		6632-38	1844	8/23	8/24	8/26	8/28	8/30	9/13	9/27	47		
5399		6632-53	1845										
	Supreme Blue Rose	Panicle Sel.	1846	8/23	8/24	8/26	8/28	8/30	9/13	9/27	52		
5399		6632-53	1847										
5399		6632-53	1848										
5399		6632-38	1849	8/23	8/24	8/26	8/28	8/30	9/13	9/27	43		
5399		6632-53	1850										
5399		6632-53	1851										
	Supreme Blue Rose	Panicle Sel.	1852	8/23	8/24	8/26	8/28	8/30	9/13	9/27	52		
	Supreme Blue Rose Guard Row	Panicle Sel.	1853										
	Blue Rose Average			8/23	8/24	8/26	8/28	8/30	9/13	9/27	52		

Number			Plants show- ing cross- ing	Number Kernels			Natural- Crossing
Plants	Pan- icles	Plants show- ing cross- ing		Glut- inous	Star- ry	Tot- al	

43 318 43 100.0 95,931 594 96,525 1.634

43 350 40 93.0 39,520 152 39,672 .383

42 269 36 85.7 25,355 146 25,501 .523

33 268 29 87.9 14,495 153 14,648 1.044

43 444 39 87.9 35,294 147 35,441 .414

42 413 33 78.6 25,125 133 25,258 .537

Seeds sown after storm on 8/9

Three row plots (1 rod long) of glutinous varieties space sown isolated from Corn Source of Seed: Same as ~~any~~ sown in central rows of Natural-Grassing test.

1st 10% 5% 75% 100% 1st Fully
Rip Ripe

Asahi Mochi

6604-1 1901

" 1902

" 1903

7/25 7/27 7/30 8/2 8/6 8/18 8/29

5309

6630-26 1904

" 1905

" 1906

8/3 8/8 8/11 8/13 8/16 9/3

3625-1

6631-13 1907

" 1908

" 1909

8/11 8/13 8/14 8/17 8/20

5399

6632-38 1910

" 1911

" 1912

1913

1914

1915

non varieties of similar maturity. Sown 5-7 Spaced approx. 6" apart, single seed per space. 80

Number			% Plants showing crossing	Number kernels			% Natural-Crossing
Plants	Panicles	Plants showing crossing		Gluteinous	Starchy	Total	
30	218	2	6.7	13,169	2	13,171	.02

18	133	6	33.3	8,204	8	8,212	.10
----	-----	---	------	-------	---	-------	-----

26	198	6	23.1	18,262	10	18,272	.05
----	-----	---	------	--------	----	--------	-----

18	173	10	76.9	9,395	20	9,415	.21
----	-----	----	------	-------	----	-------	-----

Techn
Stud

Factors used for converting gram yields ^{per plot} into bushel yields per acre

6" spacing	=	.06669
8" "	=	.06669
10" "	=	.08003
12" "	=	.13338

16x
26 2/3
32
32

16 2/3
32
10

32

96
10
68

106 2/3 sq. ft. per 4 plots (1 of each spacing)

Block 1. - Column 2.

8	100 Blue Rose	5005	45 849	56.6
6	60 Blue Rose	5006	46 884	59.0
10	80 Blue Rose	5007	45 688	55.1
12	120 Blue Rose	5008	44 371	49.5
				220.2

Block 1, Column 3

Row
Spacing
In.

Rate
of
Seeding
lbs.

10 100 Caloro 5009 41 805 64.4

12 60 Caloro 5010 43 541 72.2

8 80 Caloro 5011 42 1029 68.6

6 120 Caloro 5012 41 1003 66.9

272.1

Block 1. Column - 4.

Row
Spacing

12 100 Fortuna 5013 44 460 61.4
252.9 (norm.)

8 60 Fortuna 5014 49 1006 67.1
278.1

6 80 Fortuna 5015 49 1000 66.7
294.7

10 120 Fortuna 5016 47 701 56.1
242.5 / 1068.2
251.3
Column

Sum of Age
for 1st Block
73697.84

Block 2 - Column - 1

8 60 Blue Rose 5017 45 909 60.5

12 100 Blue Rose 5018 46 390 52.0

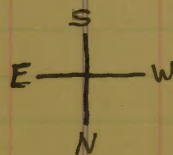
10 120 Blue Rose 5019 46 640 51.2

6 80 Blue Rose 5020 47 889 59.3

223.0

Diagram Block 2, with Plot Nos

5020	5024	5028	5032
5019	5023	5027	5031
5018	5022	5026	5030
5017	5021	5025	5029



Technic
Study

Block 2 - Column-2

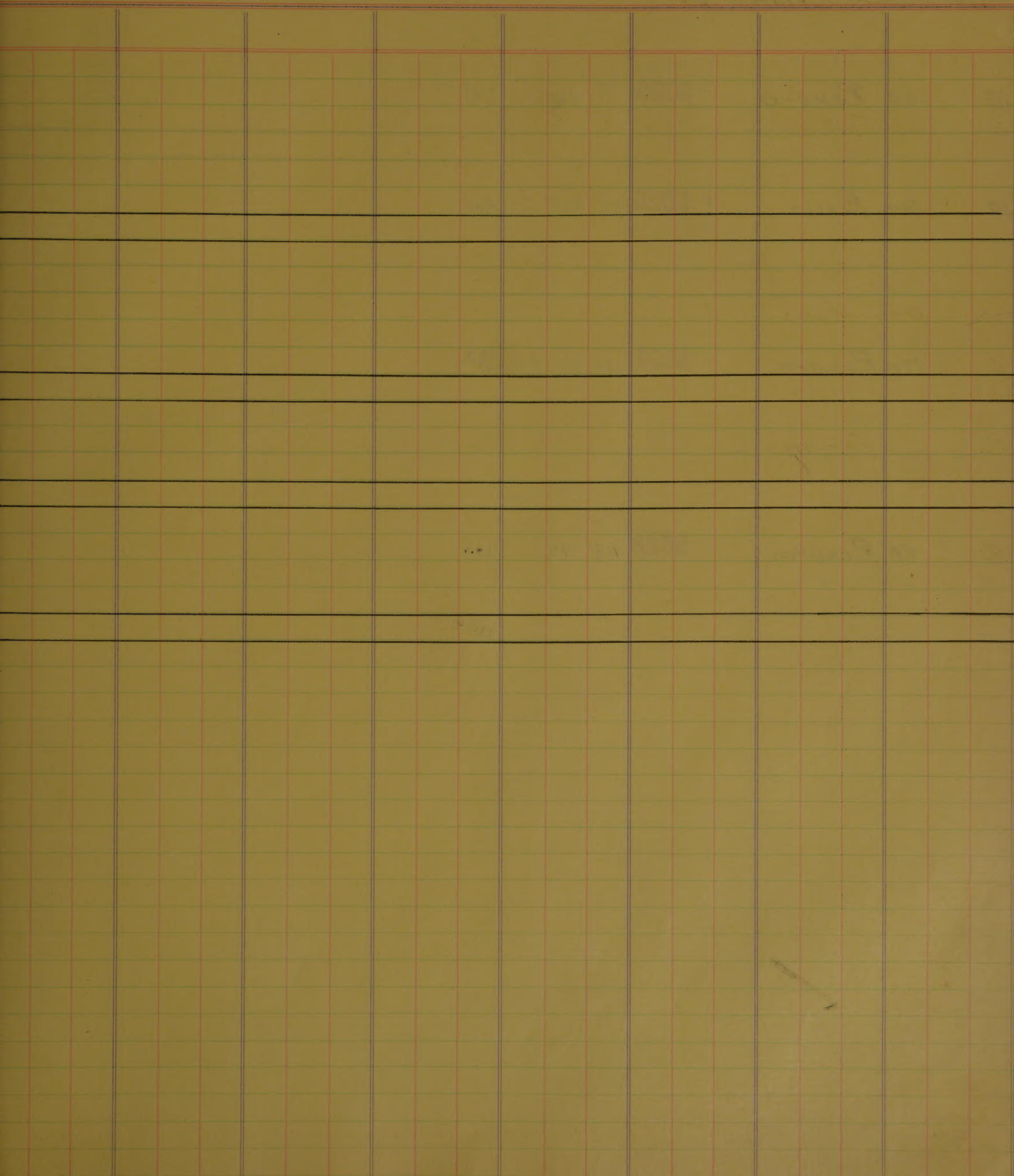
6	60 Fortuna	5021	49	1005	67.0
---	------------	------	----	------	------

8	100 Fortuna	5022	44	882	58.8
---	-------------	------	----	-----	------

12	120 Fortuna	5023	49	388	51.8
----	-------------	------	----	-----	------

10	80 Fortuna	5024	47	682	54.6
----	------------	------	----	-----	------

232.2



Block 2 - Column 3

12	60	Rexoro	5025	51	482	64.3
10	100	Rexoro	5026	49	895	71.6
6	120	Rexoro	5027	48	1028	68.6
8	80	Rexoro	5028	49	916	61.1
						265.6

Block 9 - Column - 4

10	60 Caloro	5029	43 804	64.3					
				256.1 (norm)					
6	100 Caloro	5030	42 1297	86.5					
				268.9					
8	120 Caloro	5031	43 1266	84.4					
				256.0					
12	80 Caloro	5032	43 712	95.0					
				270.0 → 1051.0					
				330.2					

Norm

Sum of sq of
all plots in
toater sq.
71,578.34

Block 3 - Column 1

Row
Spacing

Rate
of
Seeding

8 80 Caloro 5033 45-895 59.7

12 120 Caloro 5034 43 359 74.6

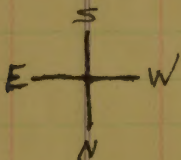
10 100 Caloro 5035 43 1053 84.3

6 60 Caloro 5036 42 1114 74.3

292.9

Dia. Block 3, with Plot Nos.

5036	5040	5044	5048
5035	5039	5043	5047
5034	5038	5042	5046
5033	5037	5041	5045



chnic
study

Block 3 - Column - 2

12	80 Fortuna	5037	49 361	48.2
----	------------	------	--------	------

6	120 Fortuna	5038	47 846	56.4
---	-------------	------	--------	------

8	100 Fortuna	5039	48 940	62.7
---	-------------	------	--------	------

10	60 Fortuna	5040	47 525	42.0
----	------------	------	--------	------

29.3

[illegible]

Block 3 - Column 3

6	80 Blue Rose	5041	47	873	58.2				
10	120 Blue Rose	5042	44	624	49.9				
12	100 Blue Rose	5043	45	413	55.1				
8	60 Blue Rose	5044	45	736	49.1				
					212.3				

Block-3 - Column-4

10 80 Rexoro 5045 48 830 66.4

232.5 (normal)

8 120 Rexoro 5046 48 1055 70.4

251.8

6 100 Rexoro 5047 50 1135 75.7

277.6

12 60 Rexoro 5048 48 434 57.9 → 984.9

223.3

270.4

K columns

sum of 12

627,278.1

Block 4 - Column - 1

12 100 Caloro 5049 43 554 73.9

6 80 Caloro 5050 42 1127 75.2

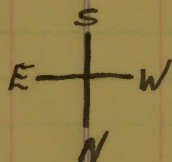
10 120 Caloro 5051 43 935 74.8

8 60 Caloro 5052 43 1412 94.2

318.1

Dir. Block 4, with Plot Nos.
Bo. 400

5052	5056	5060	5064
5051	5055	5059	5063
5050	5054	5058	5062
5049	5053	5057	5061



Technic
Study

Block 4 - Column - 2

8	100 Blue Rose	5053	44	771	51.4
---	---------------	------	----	-----	------

12	80 Blue Rose	5054	46	388	38 51.8
----	--------------	------	----	-----	-----------------------

6	120 Blue Rose	5055	45	823	54.9
---	---------------	------	----	-----	------

10	60 Blue Rose	5056	48	790	63.2
----	--------------	------	----	-----	------

221.3

Block 4- Column-3.

6	100 Rexoro	5057	49 986	65.8
---	------------	------	--------	------

10	80 Rexoro	5058	48 761	60.9
----	-----------	------	--------	------

8	120 Rexoro	5059	49 1007	67.2
---	------------	------	---------	------

12	60 Rexoro	5060	50 473	63.1
----	-----------	------	--------	------

257.0

Block-4 Column-4

10	100 Fortuna	5061	47 727	58.2
----	-------------	------	--------	------

249.3

8	80 Fortuna	5062	49 883	58.9
---	------------	------	--------	------

246.8

12	120 Fortuna	5063	48 440	58.7
----	-------------	------	--------	------

255.6

6	60 Fortuna	5064	50 1024	68.3
---	------------	------	---------	------

288.8 → 1040.5

244.1

(Columns)

sum of 19
69,421.31

Technic
Study

Block-5 Column-1

AMIC Study

10 80 Caloro 5065 43 759 60.6

8 100 Caloro 5066 42 1090 71.4

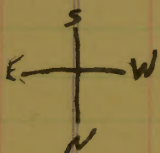
12 120 Caloro 5067 40 422 56.3

6 60 Caloro 5068 40 898 59.6

246.9

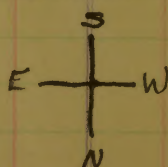
Dir. Block 5, with Plot Nos.

5068	5072	5076	5080
5067	5071	5075	5079
5066	5070	5074	5078
5065	5069	5073	5077



Dir. Blk. 5, 6, 7+8 with plot Nos.

8	5116	5120	5124	5128	5084	5088	5092	5096
	5115	5119	5123	5127	5083	5087	5091	5095
	5114	5118	5122	5126	5082	5086	5090	5094
	5113	5117	5121	5125	5081	5085	5089	5093
	5100	5104	5108	5112	5068	5072	5076	5080
	5099	5103	5107	5111	5067	5071	5075	5079
7	5098	5102	5106	5110	5066	5070	5074	5078
	5097	5101	5105	5109	5065	5069	5073	5077
								5



Block-5 - Column-2.

6	80 Rexoro	5069	45 1051	70.1					
12	100 Rexoro	5070	46 571	76.2					
8	120 Rexoro	5071	45 965	64.4					
10	60 Rexoro	5072	46 841	67.3					
				278.0					

Block-5 Column-3.

8	80 Fortuna	5073	48 891	59.4
---	------------	------	--------	------

10	100 Fortuna	5074	46 700	56.0
----	-------------	------	--------	------

6	120 Fortuna	5075	46 898	59.7 59.9
---	-------------	------	--------	----------------------

12	60 Fortuna	5076	46 366	48.8
----	------------	------	--------	------

2236

Block-5, Column-4.

12	80 Blue Rose	5077	46 339	45.2
----	--------------	------	--------	------

235.3

6	100 Blue Rose	5078	46 754	50.3
---	---------------	------	--------	------

253.9

10	120 Blue Rose	5079	43 595	47.6
----	---------------	------	--------	------

227.7

8	60 Blue Rose	5080	45 691	46.1
---	--------------	------	--------	------

220.8 → 957.7

189.2

sum of 19.

56,309.33

Technic
Study

Block-6, Column-1.

chnic
study

8

120 Fortuna

5081

45 836

558

12

80 Fortuna

5082

46 361

48.2

10

100 Fortuna

5083

45 675

54.0

6

60 Fortuna

5084

46 793

52.9

210.9

10	120 Blue Rose	5085	44	567	45.4
----	---------------	------	----	-----	------

6	80	Blue Rose	5086	41	662	44.1
---	----	-----------	------	----	-----	------

8	100 Blue Rose	5087	41	655	43.7
---	---------------	------	----	-----	------

12	60 Blue Rose	5088	45	334	44.5
					177.7

Block-6, Column-3.

12	120 Rexoro	5089	43	510	68.0
10	80 Rexoro	5090	45	772	61.8
6	100 Rexoro	5091	44	1000	66.7
8	60 Rexoro	5092	46	905	60.4
					256.9

Block-6, Column-4.

6	120 Caloro	5093	38	911	560.9
---	------------	------	----	-----	-------

230.0

8	80 Caloro	5094	39	747	49.5
---	-----------	------	----	-----	------

203.9

12	100 Caloro	5095	39	411	54.8
----	------------	------	----	-----	------

219.2

10	60 Caloro	5096	39	724	57.9
----	-----------	------	----	-----	------

215.7 → 868.8

223.3

48, 119.62

Technic
Study

Block-7, Column-1.

hmic
udy

12 120 Rexoro 5087 46 535 71.4

10 100 Rexoro 5088 43 765 61.2

6 60 Rexoro 5099 48 1029 68.6

8 80 Rexoro 5100 48 1092 72.8

374.0

Block-7, Column-2.

6	120 Fortuna.	5101	41 800	53.4
8	100 Fortuna.	5102	47 805	53.7
12	60 Fortuna	5103	48 432	57.6
10	80 Fortuna.	5104	48 811	64.9
				229.6

Block-7, Column-3.

8	120 Caloro	5105	37 847	56.5
---	------------	------	--------	------

12	100 Caloro	5106	39 533	71.1
----	------------	------	--------	------

10	60 Caloro	5107	39 857	68.6
----	-----------	------	--------	------

6	80 Caloro	5108	40 973	64.9
---	-----------	------	--------	------

				261.1
--	--	--	--	-------

Block-7, Column-4.

10	120 Blue Rose	5109	41	507	40.6
----	---------------	------	----	-----	------

221.9

6	100 Blue Rose.	5110	44	756	50.4
---	----------------	------	----	-----	------

236.4

8	60 Blue Rose.	5111	45	801	53.4
---	---------------	------	----	-----	------

248.2

12	80 Blue Rose	5112	45	407	54.3
----	--------------	------	----	-----	------

256.9

963.4

198.7

Sum of 24
59,268.22

Techn
Study

Block-8, Column-1.

8	80 Fortuna.	5113	48	1042	69.5
---	-------------	------	----	------	------

chnic
tudy

6	60 Fortuna.	5114	49	1186	79.1
---	-------------	------	----	------	------

10	120 Fortuna.	5115	46	865	69.2
----	--------------	------	----	-----	------

12	100 Fortuna	5116	46	521	69.5
----	-------------	------	----	-----	------

287.3

Block-8, Column-2.

12	80 Blue Rose	5117	46	467	62.3
----	--------------	------	----	-----	------

10	60	Blue Rose.	5118	46	771	61.7
----	----	------------	------	----	-----	------

6	120 Blue Rose	5119	43	843	562
---	---------------	------	----	-----	-----

8	100 Blue Rose	5120	43	817	545
---	---------------	------	----	-----	-----

234.7

Block-8, Column-3.

6	80 Rexoro	5121	49	1159	77.3
---	-----------	------	----	------	------

8	60 Rexoro	5122	49	1097	73.2
---	-----------	------	----	------	------

12	120 Rexoro	5123	44	486	64.8
----	------------	------	----	-----	------

10	100 Rexoro	5124	46	828	66.3
----	------------	------	----	-----	------

281.6

Block-8, Column-4.

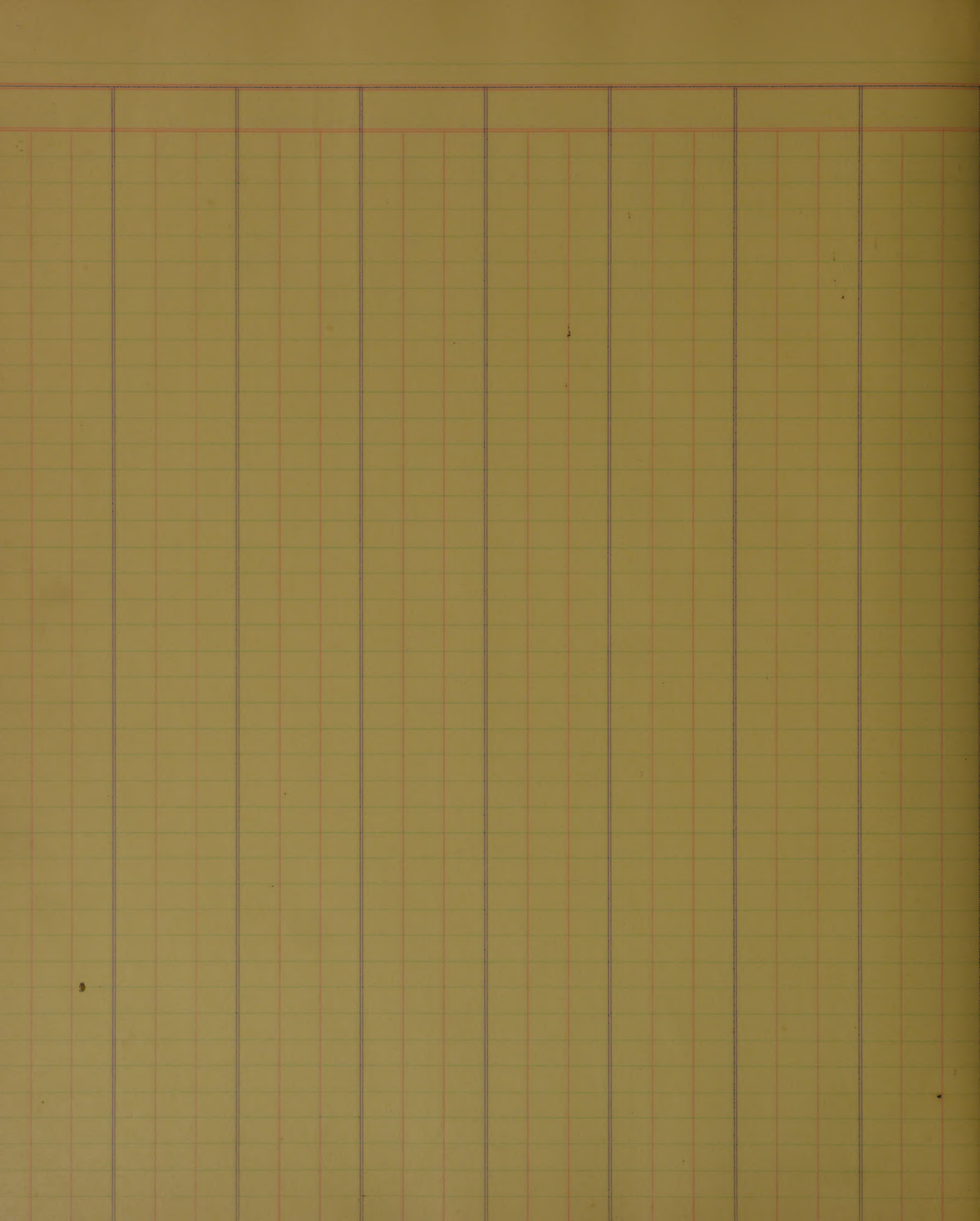
all numbers + ratios
at each spacing

						Total	Sum of sq. $\frac{1}{2}$
10	80 Caloro	5125	40	672	53.8	1933.7	
					262.9	1933.7	1199 66.71
12	60 Caloro	5126	38	357	47.9	1974.7	127,662.39
					261.9	1974.7	127,750.59
80	120 Caloro	5127	36	846	56.4	1981.7	
					246.6	1981.7	1262 66 65
6	100 Caloro	5128	37	786	52.4	(21038.5)	
					242.7 $\rightarrow$ 1014.1		
					(210.5)	2038.5	132,793.37

	Av.	S.D.	C.V. (%)
6" spacing	63.7 $\pm$ 9.56	15.01	
8" spacing	61.9 $\pm$ 10.52	17.0	
10" spacing	60.43 $\pm$ 9.86	16.32	
12" spacing	61.81 $\pm$ 13.10	21.04	
	61.71 $\pm$ 13.47	21.83	

sum of 119 for
6000 sq.
155,666.65

[illegible]



Length & row study

South 9/2 lines

South west corner

South east corner

	1	2	3	4	5	6	7	8	9	10
1	131	114	133	111	127	110	113	129	120	137
2	120	106	131	122	110	115	96	129	122	153
3	150	126	151	104	118	111	130	127	119	143
4	123	109	121	105	105	122	132	116	133	132
5	128	124	127	105	116	105	146	131	144	144
6	140	129	161	96	119	118	146	132	136	150
7	130	129	132	132	113	118	131	127	142	133
8	116	121	132	192	111	114	148	133	144	157
9	129	120	122	110	137	107	112	134	129	138
10	130	120	136	136	146	126	124	148	155	144
11	119	125	129	136	133	114	112	131	130	134
12	136	108	133	113	126	117	109	149	130	153
13	120	122	132	137	141	112	124	126	149	157
14	119	116	141	126	124	106	137	120	136	143
15	144	109	143	142	134	126	146	131	119	148
16	127	121	125	126	131	124	133	129	133	157
17	123	113	127	133	131	112	136	129	132	163
18	123	122	146	139	133	109	121	143	127	171
19	99	106	131	137	110	118	134	113	146	149
20	126	122	163	108	118	91	122	130	131	141
21	115	125	145	128	126	71	116	151	126	125
22	107	133	147	135	132	103	114	130	139	156
23	122	113	149	135	126	114	120	137	132	136
24	118	134	137	136	105	106	106	141	140	143
25	112	111	142	113	128	113	111	116	156	140
26	113	106	140	143	122	106	127	123	142	139
27	115	110	130	132	140	107	126	121	137	134
28	91	111	139	122	123	111	130	103	129	137
29	101	112	125	133	133	110	105	128	145	154
30	106	111	122	122	134	102	133	112	132	135
31	110	110	129	108	125	109	110	112	120	167
32	98	118	126	113	107	98	108	116	121	151
33	97	100	112	107	117	107	119	122	108	139
34	88	102	110	114	101	93	122	126	121	157
35	114	123	94	121	94	100	114	136	126	145
36	116	104	102	109	101	112	127	102	96	137
37	112	93	101	101	91	107	118	113	132	158
38	130	96	117	110	92	92	109	116	128	144
39	109	109	108	100	99	82	111	124	130	147
40	101	122	110	100	89	96	90	98	131	128

a.k.a. N. P. West

East P. N. P.

North west corner

North west corner

North east corner

Asahi Machu

1 foot
1802

Pan Com glut			
1	12	2	1162
2	8	0	727
3	8	0	692
4	7	3	510
5	7	1	515
6	5	2	371
7	7	1	566
8	9	0	545
9	3	1	201
10	10	0	864
11	11	1	786
12	10	1	816
13	10	5	990
14	4	1	242
15	13	0	1210
16	6	0	644
17	10	2	675
18	6	2	360
19	6	3	326
20	10	1	762
21	2	1	121
22	8	4	613
23	7	0	576
24	7	0	468
25	9	2	663
26	7	1	554
27	6	0	190
28	4	4	281
29	4	0	208
30	9	1	562
31	7	1	534
32	8	0	558
33	8	1	514
34	5	1	547
35	9	0	634
36	7	2	468
37	16	1	808
38	11	2	825
39	10	0	728
40	10	2	641
41	8	2	590
42	7	1	689

7 3 506
10 3 777
7 1 630
9 5 615
9 1 561
10 5 632
5 1 387
50-8 0 735
11 2 1077
17 0 1266
36,918
418 Panicles
52 plants
37 plants show crossing
21.2 %
31,918 glut.
73 Comm.
36,991 Total
228 % Crossing

2 feet
1805

4	1	231
10	2	999
5	1	454
7	1	675
10	1	968
6	0	530
5	1	472
2	0	133
10	0	583
6	1	424
8	0	574
5	0	416
9	0	809
8	1	668
6	1	530
5	1	386
5	2	477
3	3	171
3	0	210
6	0	553
5	1	499
3	2	239
4	1	303
3	2	267
5	1	527
2	0	165
4	0	369
6	0	612
4	0	367
6	0	489
5	2	349
2	0	163
8	0	708
6	0	502
3	1	194
5	2	457
9	0	744
6	2	556
4	0	280
12	1	831
3	0	190
4	1	366

5 0 325
8 1 671
20,436
245 Panicles
44 plants
24 " show crossing
54.5 %
20,436 glut
33 Comm.
20,469 Total
100.161 % Crossing

3 feet
1810

Isolated
1902

9	0	775
4	2	151
6	0	259
7	1	398
4	0	55
8	1	576
6	0	545
3	0	217
8	0	699
6	0	446
8	1	515
5	0	454
7	7	561
7	0	418
8	0	658
7	3	521
5	1	280
7	1	458
8	0	599
7	0	444
6	2	467
5	3	377
4	1	226
5	1	450
7	0	600
7	4	599
6	3	585
6	0	505
5	2	447
9	1	681
9	1	763
4	2	286
7	0	529
6	0	474
6	0	457
8	1	448
7	2	511
6	0	399
12	1	852
18	4	1465
213	45	20,149

3	0	193
8	0	240
12	0	356
6	0	233
8	0	467
5	0	225
7	1	426
7	0	258
9	0	517
10	0	571
7	0	379
5	0	322
9	0	458
13	0	948
9	0	722
4	0	205
6	0	354
10	0	531
3	0	261
2	0	116
8	0	636
4	0	235
6	1	275
4	0	353
7	0	533
11	0	784
11	0	879
7	0	588
6	0	402
11	0	704
218	2	13,169

278 panicles

30 plants

22 plants crossed

6.7.1.070

13,169 glutinosa

2 common

13,171 Total

1015 90 common

1 foot
1815

7	0	585
7	0	607
9	0	624
9	1	652
4	0	278
8	0	544
5	0	285
7	0	406
8	0	503
5	0	288
4	0	329
7	0	463
3	0	181
2	0	162
7	0	479
5	3	399
4	0	256
7	2	467
5	0	348
6	0	496
8	0	465
3	0	179
3	0	222
7	1	490
11	0	784
5	0	389
9	0	597
5	1	342
5	0	350
5	0	273
7	0	473
4	0	261
8	0	332
5	0	292
5	0	220
5	4	191
5	0	86
4	0	223
8	1	449
7	1	428
4	0	229
7	0	496

4	2	227
6	1	435
5	2	360
5	0	395
4	0	228
8	0	524
4	0	299
8	3	518
12	0	809
303	12	19,896

303 panicles
51 plants
12 " Crossing
23.5 % " "
19,896 glut
22 Corn
19,918 Total
.110 % Crossing

2 feet
1818

9	0	721
8	0	608
3	0	211
6	2	385
5	0	401
5	0	398
7	0	438
9	1	733
8	1	662
4	0	287
6	0	323
2	0	96
2	0	154
6	0	371
8	1	502
6	0	277
4	2	386
3	0	223
8	0	427
7	1	523
7	0	376
4	0	302
7	0	330
9	1	572
6	1	419
5	0	296
5	0	257
5	0	252
3	1	138
6	0	382
4	0	234
6	1	423
4	0	282
6	0	446
4	1	226
4	0	219
6	0	480
5	1	190
4	1	382
9	0	627
5	0	376
3	0	208

3	0	242
3	0	176
5	0	379
4	0	263
4	0	327
2	0	128
5	0	424
5	0	440
8	0	554
272		18,477

272 Panicles
51 Plants
13 " Crossing
25.5 % " "
18,477 glut
15 Corn
18,492 Total
.081 % Crossing

2 feet
1823

Isolated
1905

10	1	789
8	1	453
3	0	103
5	0	316
6	2	366
4	1	249
6	1	400
4	0	262
3	0	194
7	0	353
3	0	219
3	0	249
4	0	309
5	0	344
3	0	236
4	1	274
4	0	320
5	1	278
4	0	255
7	0	400
4	0	306
8	0	577
7	0	422
7	0	366
6	0	444
6	0	370
5	0	409
15	0	946
4	0	239
4	0	289
5	0	329
5	0	241
3	0	172
3	0	273
7	1	404
5	0	328
5	1	337
5	1	329
5	1	294
3	0	244
9	1	500
5	0	324

5	1	382
5	1	304
4	0	203
9	2	615
247	17	16,016

247 Pannels
46 Plants
15 " Crossing
32.6 90 " "
16,016 glut
17 Comm
16,033 Total
.106 90 Crossing

5	0	353
6	1	345
7	1	265
10	2	573
7	0	476
9	2	537
6	0	327
4	0	180
7	0	354
9	0	540
7	0	545
9	0	641
7	0	552
10	1	699
6	0	441
9	0	579
10	0	497
5	1	298
133		8207

133 Pannels
18 Plants
6 " Crossing
33.3 90 " "
8204 glut
8 Comm
8212 Total
097 90 Crossing

1 foot

1828

8	5	1148
8	7	969
12	3	1251
3	3	288
9	4	1098
9	8	1098
10	9	1079
5	7	687
10	12	1172
6	6	609
8	8	732
7	7	684
10	6	1083
8	6	1085
7	18	752
8	28	1079
6	16	754
7	32	916
5	20	763
6	14	704
8	6	949
8	7	955
9	4	1018
6	8	721
6	7	814
8	9	918
6	11	657
8	7	587
7	13	786
8	10	852
6	17	548
6	17	622
8	3	742
7	10	850
8	7	672
6	21	541
5	11	588
8	16	939
7	7	651
6	11	572
8	18	962
7	107	958

11	48	1558
318	594	35,931

318 Panicles

43 plants

43 " crossing

120 90 " "

35,931 glut

594 Corn

36,525 Total

1.626 70 crossing

2 feet

1831

15	6	2027
8	3	1120
9	3	1078
7	7	787
8	6	937
8	5	898
8	3	865
8	4	791
7	2	704
10	1	1073
7	1	801
12	2	1358
7	2	538
7	7	713
4	6	351
8	6	1068
5	5	342
6	0	547
9	2	886
8	4	793
8	7	754
5	0	591
6	2	724
4	2	354
11	4	1096
14	3	1906
10	6	1157
7	3	784
8	3	976
8	1	643
9	8	1002
8	1	937
16	2	1972
6	1	466
8	3	1073
9	2	933
6	0	433
8	2	821
6	5	624
11	5	1299
6	6	694
8	4	983

15 7 1723

350 152 39,520

350 Panicles

43 plants

40 " crossing

93.0 90 " "

39,520 glut

152 Corn

39,672 Total

1.383 70 crossing

3 lot

1836

4 2 318
6 0 530
6 1 503
8 2 668
7 3 593
9 3 844
9 7 811
6 0 411

5 2 513

8 0 757

7 5 535

5 3 541

5 0 449

8 6 836

10 6 967

12 1 1189

6 2 529

9 5 825

2 0 139

8 3 668

4 1 329

5 4 423

8 2 548

7 4 542

2 0 154

6 4 511

4 4 407

7 1 599

9 9 848

7 393 128

4 5 490

8 8 728

9 10 1040

6 6 670

5 5 496

1 1 111

5 4 584

4 2 320

6 2 631

5 1 432

7 9 832

9 5 1059

8 8 995
269 146 25,355

269 Paniclea

42 ~~5~~ plants36 ~~7~~ " crossing

85.7 90 " "

25,355 glut

~~5~~ 146 Comm.

25,501 Total

.573 % crossing

Isolated
1908

6 0 489

4 0 329

12 0 851

7 1 562

1 0 92

6 0 532

8 0 994

8 0 926

11 0 1085

4 0 288

12 0 828

8 0 835

7 0 669

5 0 442

4 0 428

9 0 1103

8 1 811

5 0 453

8 2 565

8 0 595

8 1 969

6 0 685

9 0 854

6 3 533

7 2 752

11 0 1594

188 10 18,262

188 Paniclea

26 Plants

6 ~~2~~ " Crossing

23.1 90 " "

18,262 glut

10 Comm.

18,272 Total

.055 % Crossing

1 foot

2 feet

3 feet

Pan Comm glut 1841

1844

1849

11: 9 631

9 2 409

8 11 614

1 0 58

10 15 631

8 3 409

12 11 735

12 5 611

10 7 523

5 3 287

10 2 581

10 8 522

7 6 387

5 5 381

11 3 588

3 0 88

17 9 922

2 4 91

10 9 493

13 6 503

5 4 291

11 8 721

8 3 518

9 0 433

4 1 115

4 4 128

6 3 325

8 2 427

8 1 367

5 2 299

8 3 284

3 0 136

15 4 897

268 153 14,495

21 15 1869

6 3 511

12 6 1129

11 3 866

6 2 495

9 2 716

9 2 732

17 4 1291

11 5 766

7 3 469

9 7 787

13 8 998

12 5 942

10 3 640

1 0 90

12 4 885

6 2 454

10 7 822

8 4 830

11 8 905

7 1 621

14 2 1243

9 0 552

13 2 1060

15 0 1463

17 5 1645

10 1 962

10 1 772

15 2 1440

7 1 499

16 3 1409

3 0 129

9 4 586

9 1 416

17 5 1079

8 2 498

11 2 651

5 3 351

7 2 550

9 2 622

17 8 1441

12 6 760

3 1 192

444 147 35,294

444 Panicles

43 Plants

39 " Crossing

87.9 90 " "

35,294 glut

147 Comm.

35,441 Total

.415 % Crossing

8 0 538

15 7 941

11 3 519

7 1 418

5 1 351

9 2 520

2 0 107

12 4 659

12 2 638

11 9 555

8 6 398

11 5 562

10 6 504

8 4 454

6 0 289

10 10 644

13 9 857

9 5 597

16 9 941

6 2 398

11 2 602

3 1 157

15 5 993

12 5 772

9 3 489

6 1 360

10 9 606

10 2 529

3 0 123

12 3 739

11 4 741

10 2 542

11 1 611

14 1 844

19 4 1051

6 0 365

7 0 486

5 0 379

9 0 631

5 0 349

12 3 925

24 4 1981

413 133 25,125

413 Panicles

42 Plants

33 " Crossing

78.6 90 " "

25,125 glut

133 Comm.

25,258 Total

.527 % Crossing

Isolated
1911

7 3 319
10 1 548
10 0 418
2 0 50

7 2 439
26 2 1338
12 3 752
20 1 1150
9 0 574
26 1 1566

22 4 1002
7 1 412
15 2 827

173 2395

173 *Panicum*

13 *Plantas*

10 " *Crossing*

76.9 70 " "

9,395 *glut*

20 *Comm.*

9,415 *Total*

.212 *% Crossing*



1934

Hybrid Nursery

1602

Made in U. S. A.

sp	Limbo piles	Acorns	Remarks
stra	stra	0	only fair grain type
✓	✓	0	excl grain type
✓	✓	0	
✓	✓	0	good grain type;
✓	✓	0	excl grain type.
✓	✓	0	the good grain type
✓	✓	0	Too flat.
✓	✓	0	
✓	✓	0	
✓	✓	0	very good med gr. type - few long grains present.
✓	✓	0	excl med grain type
✓	✓	0	
gold	gold	0	good med. grain type
straw	straw	0	do
gold	gold	0	
straw	straw	0	good med grain type.
✓	✓	0	
gold	gold	0	good med. gr. type.
straw	straw	0	good long gr. type.
✓	✓	0	
✓	✓	0	
✓	✓	0	
✓	✓	0	good med grain type.
✓	✓	0	do
✓	✓	0	
gold	gold	0	
straw	straw	0	
gold	gold fine white	0	good med. gr. type
straw	straw	0	Seq for glucose color
✓	✓	0	
✓	✓	0	
✓	✓	0	
✓	✓	0	good med gr type
✓	✓	0	
✓	✓	0	
✓	✓	0	good med gr. type
✓	✓	0	do
✓	✓	0	good long grain type.
✓	✓	0	
Rp	✓	0	
straw	✓	0	

Row	Grain Length	Grain Shape	Texture	ap	Length	Area	Remarks
13798 43	long	± slender	good	Rp	straw	0	
13803 41	mid-long	sl. broad	somewhat lumpy	straw	straw	0	
13804 44	mid	sl. broad	dull + not lumpy	R.L.	—	0	
13852 42	mid-long	± slender	good	Rp	straw	0	
13868 42	mid	good	good	straw	—	0	
13886 41	long	good cylindrical	sl. l.	Rp	—	0	
13949 41	long uni	good	good smooth cut	straw	—	0	

all

$$\begin{array}{r} 25 \\ \times 135 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 25 \\ \times 135 \\ \hline 133 \end{array}$$

$$\begin{array}{r} 6 \overline{) 133} \\ \underline{140} \\ 55 \\ \underline{328} \\ 68 \\ \underline{260} \\ 348 \\ \underline{303} \end{array}$$

175

36

5
40

$$\begin{array}{r} 34 \\ 21 \\ \hline 138 \\ 68 \end{array}$$

$$\begin{array}{r} 303 \text{ in 5 row eight} \\ 40 \\ \hline 12 \overline{) 2120} \\ \underline{1010} \end{array}$$

Data on
Hybrids to be
grown in SR-1935

153
454
200

Row	Length	Shape	Texture	ap	St	Palis	auris	Remarks
✓2971 44	long, sl. Dr.	some sl. broad & thin cyl.	dark center.	straw	straw	0	0	appears to be two distinct types present.
✓2983 42	med to long, sl. Dr.	sl. flat	rather dull	Rp	—	0	0	probably not breeding true
✓2986 42	med to long Dr.	broad & flat	some wh. belly	straw	—	0	0	do
✓2987 42	med. Uni	Usl. flat	good	—	—	0	0	good type
✓3013 44	med-long sl. Dr.	sl. flat	good	Red	—	0	0	Too flat.
✓3036 40	long	cylind	excellent	straw	—	few tips	0	
✓3037 42	long med (seg)	cylind	excl	—	—	0	0	row any way due to excel quality
✓3058 41	med. Uni.	sl. broad	excel	—	—	0	0	
✓3064 41	med	sl. broad	excel	Rp	—	0	0	
✓3077 44	Med. sl. Dr. length	O.K.	excel	straw	—	0	0	sl. longer & not so broad & pubescent as 3058 + 64
✓3083 43	med	O.K.	excel	—	—	0	0	do better than 3077
✓3117 46	med (sl. Dr. length)	sl. broad	excel	Rp	—	0	0	
✓3123 39	med (Uni)	good	excel	straw	—	0	0	excel. Blue Rose type
✓3134 41	Med. sl. Dr. length	good	excel	Rp	—	0	0	
✓3137 42	Med. #.	sl. broad	excel	straw	—	0	0	excel Blue Rose type
✓3178 42	med	good	good	—	—	0	0	do
✓3182 43	med.	good	good	—	—	0	0	do
✓3195 44	Med. Dr. length	some broad grains	good	—	—	0	0	do
✓3199 42	med. Uni	good	excel	—	—	0	0	excel Blue Rose type
✓3204 36	med grain (Uni)	excel	excel	—	—	0	0	do 10 days earlier than Blue Rose
✓3211 40	med Uni	good	excel	—	—	0	0	do
✓3224 40	med Uni very good length	excel	excel	—	—	0	0	do 10 days earlier than Blue Rose
✓3261 46	med Uni	excel	excel	—	—	0	0	do
✓3262 42	med Uni	excel	excel	—	—	0	0	do
✓3282 42	med to long	too broad	wh. belly	—	—	0	0	do
✓3283 44	med - Uni	good	good	—	—	0	0	good med gr type
✓3288 42	med - Uni	excel	good	—	—	0	0	Excel med grain type
✓3295 42	Long - Uni	good cyl.	good	—	—	0	0	
✓3299 46	med -	broad	good	—	—	0	0	most too broad.
✓3301 44	Med - Uni	excel	excel	—	—	0	0	Very good med-grain type
✓3302 42	med to long	excel	excel	—	—	0	0	very good type but grain length may be segregating
✓3303 43	med-grain Uni	excel	excel	—	—	0	0	very good med-gr type
✓3305 42	med-grain Uni	excel	excel	—	—	0	0	do
✓3306 43	Med-grain Uni	excel	excel	—	—	0	0	do
✓3309 42	med-long Uni	excel	excel with dark center	—	—	0	0	very good type
✓3313 42	long Uni	excel	excel	—	—	0	0	do
✓3314 40	long Uni	excel	excel	—	—	0	0	do sl. larger grain than 3314
✓3319 41	long Uni	excel	excel	—	—	0	0	do
✓3326 42	med - Uni	excel	excel	—	—	0	0	Very good med-grain type.
✓3331 42	long - Uni	excel	excel	—	—	0	0	Very good type.
✓3337 41	long Uni	excel	excel	—	—	0	0	do
✓3342 42	long - Uni	excel cyl	excel	—	—	0	0	do

No.	Length					Shape					Texture					Remarks	
	Long	Long	Long	Long	Long	Long	Long	Long	Long	Long	Long	Long	Long	Long	Long		
2219	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
2236	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43		
2486	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45		
2487	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42		
2516	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39		
2567	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41		
2577	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46		
2591	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41		
2634	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41		
2635	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43		
2636	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43		
2637	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
2638	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42		
2639	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41		
2641	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42		
2643	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41		
2644	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
2645	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42		
2646	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42		
2647	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
2648	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42		
2649	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
2651	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43		
2652	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39		
2653	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
2654	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42		
2655	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42		
2656	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
2657	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41		
2658	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
2659	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40		
2665	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41		
2679	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41		
2724	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41		
2744	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42		
2745	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43		
2749	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43		
2845	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43		
2858	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43		
2863	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43		
2871	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43		

					DATE PLANT EMERG. (50%)	% STAND	APK.	DATES				PLANT LODG.		LEAF SPOT	SHAW TERING
								HEADING 1ST FULL	1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		
X	283A1-1-1-1				2001			8/9	8/17				52		+T+
X	2-1				2002			8/16	8/21				53		+T+h
	3-1				2003			8/13	8/23				50		+T+h
X	4-1				2004			8/4	8/14	8/22			45		+T+
X	5-1				2005			8/7	8/16				49		+T+
	6-1				2006			8/12	8/22						+T+
	-2				2007			8/12	8/22						+T+
X	7-1				2008			8/9	8/17						+T+
X	8-1				2009			8/10	8/21						+T+
	Edith Check				2010			8/10	8/25						+T+
	283A1-2-1-1				2011			8/9	8/16						+T+
	2-1				2012			8/9	8/20						+T+
X	3-1				2013			8/10	8/20						+T+
	4-1				2014			8/8	8/13						+T+h
X	5-1				2015			8/6	8/19						+T+
	6-1				2016			8/7	8/16						+T+
X	7-1				2017			8/10	8/19						+T+h
	8-1				2018			8/4	8/14	8/25					+T+
	283A1-3-1-1				2019			8/10	8/19						+T+
	Fortuna Check				2020			8/10							
	283A1-3-1-2				2021			8/7	8/16						+T+
X	2-1				2022			8/8	8/18						+T+
X	3-1				2023			8/10	8/19						+T+h
	4-1				2024			8/9	8/19						+T+
	-2				2025			8/10	8/19						+T+
X	5-1				2026			8/5	8/17	8/23					+T+
	6-1				2027			8/9	8/19						+T+
X	7-1				2028			8/10	8/19						+T+h
	8-1				2029			8/9	8/19						+T+
	Edith Check				2030			8/10	8/19						
X	283A1-3-9-1				2031			8/6	8/18	8/26					+T+
	283A1-4-1-1				2032			7/29	8/12	8/25					+T+h
X	2-1				2033			8/9	8/17						+T+h
X	3-1				2034			8/5	8/15	8/25					+T+h
	4-1				2035			8/9	8/19						+T+h
X	5-1				2036			8/9	8/19						+T+h
	6-1				2037			8/5	8/18	8/25					+T+h
X	7-1				2038			8/13	8/21						+T+
	8-1				2039			8/6	8/16						+T+h
	Fortuna				2040			8/19							

A2 has a superior pan type to A1

					DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAW TERING
							HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
X	283A1-4-9-1				2041		8/9	8/19				+T=t	
	10-1				2042		8/12	8/22				+T+	
X	11-1				2043		8/6	8/15	8/26			+T+	
	283A2-1-1-1				2044		8/16	8/25				+T+	
	2-1		At 2 ft		2045		8/16	8/26				+T=t	
	3-1				2046		8/15	8/25				+T=t	
X	283A2-2-1-1				2047		8/14	8/24				+T=t	
X	2-1				2048		8/14	8/25				+T+	
X	3-1		good new		2049		8/15	8/26				+T=t	
	Edith				2050		8/9	8/17					
	2-3-1-1				2051		8/9	8/20				+T+	
X	2-1				2052		8/8	8/20				+T+	
	3-1				2053		8/9	8/20				+T+	
X	2-4-1-1		good new		2054		8/10	8/21				+T+	
	2-1				2055		8/13	8/22				+T=t	
	3-1		good new		2056	X	8/13	8/23				+T=t	
	4-1	= med green type pan quite light	good new		2057		8/7	8/17				+T=t	
X	5-1		good new		2058		8/10	8/21				+T+	
	2-5-1-1				2059		8/10	8/20				+T=t	
	Fortuna				2060		8/24						
X	2-5-2-1	all taller than adj rows.	good new.		2061		8/12	8/21				+T=t	
	3-1				2062		8/13	8/21				+T+	
X	4-1				2063		8/10	8/22				+T+	
	5-1				2064		8/14	8/24				+T+	
	6-1		good new		2065	X	8/13	8/21		still		+T+	
X	7-1				2066		8/13	8/22				+T+	
	2-6-1-1		good new		2067		8/13	8/22		about		+T+	
X	2-1				2068		8/13	8/21				+T+	
	3-1				2069		8/12	8/20				+T=t	
	Edith				2070		8/10	8/20					
X	2-7-1-1				2071		8/13	8/21				+T=t	
	2-1				2072		8/13	8/21				+T=t	
X	3-1				2073		8/14	8/22				+T=t	
X	4-1				2074		8/13	8/22				+T+	
	5-1				2075		8/12	8/22				+T=t	
X	6-1		good new		2076		8/14	8/21				+T=t	
	2-8-1-1				2077		8/8	8/17	8/25			+T+	
	2-1				2078		8/10	8/17				+T+	
X	3-1				2079		8/8	8/17				+T+	
	Fortuna				2080		8/22						

				DATE PLANT EMERG. (80%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
283A2-8-4-1				2081		8/9	8/17				+T+	
5-1				2082		8/9	8/17				+T+	
6-1				2083		8/7	8/17	8/25			+T+	
7-1	deg. grain length			2084		8/11	8/20				+T+	
8-1				2085		8/10	8/20				+T=t	
9-1				2086		8/10	8/18				+T=t	
2-9-1-1		good now		2087		8/12	8/20			± tall	+T+	
2-1				2088		8/9	8/20				+T+	
3-1				2089		8/10	8/19				+T+	
Edith				2090		8/10	8/17					
2-9-4-1				2091		8/15	8/24				+T+	
5-1				2092		8/10	8/21				+T+ WT	
6-1				2093		8/10	8/21				+T+	
7-1				2094		8/10	8/21				+T+	
8-1				2095		8/13	8/24				+T=t	
2-10-1-1				2096		8/9	8/24				+T+ WT	
2-1				2097		8/17	8/25				+T+	
3-1				2098		8/13	8/23				+T+ WT	
3-2-1-1				2099		8/14	8/26				+T=t	
Fortuna				2100		8/24						
3-2-2-1				2101		8/16					+T=t	
3-1				2102		8/16					+T=t	
4-1				2103		8/19					+T=t	
5-6				2104		8/20					+T=t	
6-1				2105		8/19					+T=t	
7-1		good now		2106		8/17					+T=t	
3-3-1-1				2107		8/16					+T=t	
2-1				2108		8/16					+T+	
3-1				2109		8/19					+T=t	
Edith				2110		8/12	8/19					
3-3-4-1				2111		8/20					+T=t	
5-1				2112		8/16					+T=t	
6-1				2113		7/30	8/14	8/20			+T+	
3-4-1-1				2114		8/16	8/26				+T=t	
2-1				2115	✓	8/16					+T=t	
3-1				2116		8/15	8/24				+T=t	
3-2				2117	legume abt	8/7					+T=t	
4-1				2118	✓	8/16	8/25				+T=t	
5-1				2119		8/16	8/25				+T=t	
Fortuna				2120		8/22						

283A3-4-6-1	DATE PLANT ESTABLISHED (80%)	% STAND	DATES			PLANT LODG- HT. (IN.)	ING %	LEAF SPOT	SHAW TERNING
			HEADING	RIPENING					
			1ST FULL	1ST FULL	HARVESTED				
	2121		8/19					+T=	
X 3-5-1-1	2122	+	8/19					+T=	
2-1	2123		8/16					+T=	
3-1	2124		8/9	8/19				+T=	
4-1	2125	X	8/12	8/22				+T=	
X 5-1	2126		8/10	8/19				+T=	
6-1	2127		8/10	8/20				+T=	
7-1	2128		8/16	8/26				+T=	
X 8-1	2129	X	8/19	8/26				+T=	
Edith	2130		8/9	8/17					
3-6-1-1	2131		7/30	8/14	8/22			+T=	
2-1 ✓	2132	X	8/8	8/16				+T=	
X 3-1	2133		8/2	8/12	8/22			+T=	
4-1	2134		7/30	8/13	8/20			+T=	
5-1	2135		8/8	8/13	8/25			+T=	
X 3-7-1-1	2136		8/12	7/23				+T=	
2-1	2137		8/11	8/22				+T=	
X 3-1	2138		8/11	8/22				+T=	
4-1	2139		8/16	8/25				+T=	
Fortuna	2140		8/22						
X 3-7-5-1	2141	X	8/9	8/19				+T=	
6-1	2142		8/10	8/21				+T=	
8-1	2143	X	8/12	8/22				+T=	
4-1-1-1	2144		8/21					+T=	
2-1	2145		7/30					+T=	
3-1 ✓	2146	✓	7/30					+T=	
4-2-1-1	2147		7/31	8/10	8/24			+T=	
2-1	2148		8/5	8/12	8/25			+T=	
3-1	2149		8/9	8/16	8/25			+T=	
Edith	2150		8/8	8/16					
4-2-4-1	2151		8/6	8/12				+T=	
5-1	2152		8/9	8/19				+T=	
6-1	2153		8/5	8/20				+T=	
4-3-1-1	2154		7/24	8/15				+T=	
2-1	2155		8/13					+T=	
4-1	2156		8/8	8/12				+T=	
6-1	2157		8/9	8/24				+T=	
7-1 ✓	2158	✓	7/24					+T=	
7-2 ✓	2159	✓	7/25					+T=	
Fortuna	2160		8/21						

		DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
283A	4-4-1-1	2161		7/28	8/21	leg.			+T+	
	2-1	2162		8/6		leg.			+T+	
	3-1	2163		8/1		leg.			+T+	
	4-1	2164		7/27		leg.			+T+	
	4-2	2165		8/21					+T=t	
	4-5-1-1	2166		7/26		leg.			+T+	
	4-1	2167		7/26		leg.			+T+	
	4-2	2168		7/28		leg.			+T+	
	5-1	2169		8/5	8/17	8/25			+T+	
	Edith	2170		8/5	8/20	8/25				
	4-6-1-1	2171		7/27	8/8	8/22			+T+	
	2-1	2172		8/24					+T=t	
	2-2	2173		8/5		leg.			+T+	
	3-1	2174		8/9					+T=t	
	4-1	2175		8/20	8/26				+T=t	
	4-2	2176		8/19					+T+	
	5-1	2177							+T=?	
	6-1	2178		8/2		8/21 leg.			+T=?	
	7-1	2179		8/1		8/21 leg.			+T=?	
	Fortuna	2180		8/24						
	5-1-1-1	2181		8/22					+T=?	
	2-1	2182		8/22					+T+ nt	
	3-1	2183		8/9		leg.			+T+	
	4-1	2184		8/25					+T+	
	5-1	2185		8/22					+T=t	
	6-1	2186		8/20					+T+	
	7-1	2187		8/20					+T=t	
	8-1	2188		8/23					+T=t	
	5-2-1-1	2189		8/23					+T=t	
	Edith	2190		8/9	8/17					
	5-2-1-2	2191		8/1	8/20	leg.			+T=t	
	2-1	2192		8/23					+T=t	
	3-1	2193		8/24					+T+	
	4-1	2194		8/24					+T=t	
	5-1	2195		8/10	8/18				+T+	
	6-1	2196		8/24					+T=t	
	7-1	2197		8/24					+T=t	
	8-1	2198		8/21					+T=t	
	9-1	2199		8/21					+T+	
	Fortuna	2200		8/23						

[illegible]

	DATE PLANT EMERG. (50%)	STAND	DATES			PLANT LODG		LEAF	SHAT
			HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	SPOT #/40	TERING
283AS-5-1									
283AS-6-5-1			8/9	8/19	9/5				
6-1			8/6	8/12	9/4				
7-1			8/9	8/19	9/5				
8-1			8/10	8/21	9/6				
9-1			8/9	8/19	9/5				
10-1			8/8	8/19	9/5				
11-1			8/6	8/17	9/5				
12-1			8/7	8/20	9/5				
5-7-1-1			8/15	8/30					
Edith			8/10	8/18	9/6				
5-7-2-1			8/18	8/30					
2-2			8/16	8/26					
3-1			8/12		leg				
3-2			8/16	8/28					
4-1			8/18	8/30	leg				
4-2			8/21	8/31					
5-1			8/21	8/31					
6-1			8/5		leg				
7-1			8/17	8/27					
Fortuna			8/19						
5-7-7-2			8/15		leg				
8-1			8/20						
9-1			8/18	8/28					
9-2			8/19	8/30					
5-8-1-1			8/7		leg				
2-1			8/16	8/27					
3-1			8/6	8/12	9/3				
4-1			8/23	9/1					
5-1			8/5	8/11	8/22 9/3				
Edith			8/8	8/19	9/4				
5-8-6-1			8/20	8/31					
7-1			8/24	9/5					
8-1			8/21	9/1					
8-2			8/21	8/31					
9-1			8/16	8/27					
10-1			8/20	8/28					
11-1			8/13	8/25					
12-1			8/16	8/26					
5-9-1-1			8/16	8/28					
Fortuna			8/20						

[illegible]

DATE PLANT EMERG. (1901)	STAND	DATES			PLANT LODG.		LEAF SPOT	SHAT- TERING
		HEADING 1ST FULL	1ST FULL	1ST FULL	HT. (IN.)	ING %		
283A5-12-1-1		8/16	9/6				+T-t	
2-1		8/21	9/1		2m.		+T-t	
2-2		8/19	9/30		2m.		"	
3-1		8/19	9/30		2m.		"	
4-1		8/21	9/1		2m.		"	
5-1		8/20	9/31				"	
5-13-1-1		9/23	9/2				"	
2-1		9/22	9/2				+T-t	
3-1		8/20	9/3	leg			+T-t	
Edith		8/2	8/17	9/4				
5-13-4-1		8/20	9/30				+T-t	
5-1		8/20	9/30				"	
6-1		8/22	9/1				"	
6-1-1-1		8/26	9/5				"	
2-1		8/21	9/2				"	
3-1		8/20	9/30				"	
3-2	med. gr.	8/19	8/28				+T-t	
3-3		8/11		leg	short		+T-	
4-1		8/20	9/1				+T-t	
Fortuna		9/26	9/5					
6-1-4-2		8/22	9/1				+T-t	
5-1		8/20	9/31				"	
5-2		8/19	9/29				"	
6-1		8/20	9/30				"	
6-2		8/20	9/30				"	
7-1		8/20	9/30				"	
8-1		8/20	9/30				"	
9-1		8/21	8/31				"	
9-2		8/4		leaf			"	
Edith		8/3	9/4	9/3			"	
6-2-1-1		8/12	9/30	leg			"	
2-1		8/21	9/2				+T-t	
3-1	good row	8/10	9/21				+T-t	
3-2		8/22	9/31				"	
6-1		8/21	9/1				"	
7-1		8/15		leg			+T-	
7-2		8/3		leg			+T-t	
8-1		8/16	9/27				+T-t	
9-1		8/14	9/15	leg			+T-t	
Fortuna		8/20						

						DATE PLANT EMERG. (50%)	STAND	DATE				PLANT HT. (IN.)	LEAF NO. %	LEAF SPOT	SHADE TEARING
								HEADING		RIPENING					
								1ST	FULL	1ST	FULL	HARV. STARTED			
283A 6-3-1-1						2361	med. gr.	8/14	9/25					+T-6	
2-1						2362		8/25	9/3					"	
3-1						2363		8/13	8/19					"	
5-1						2364		7/24	8/6	8/19				+T-+	
6-1						2365		8/16	9/1		leg			+T-5	
6-2						2366		8/19	9/3		leg			+T-6	
8-1						2367		8/15	8/27					+T-+	
6-4-1-1						2368		7/28	9/30		leg			"	
1-2						2369		8/7	8/17		9/6			"	
	Edith					2370		8/8	8/14		9/5				
6-4-2-1						2371		8/9	8/17		9/7			+1-6	
5-1						2372		8/9	8/17		9/7			"	
6-1						2373		8/10	8/18		9/6			"	
7-1						2374		8/1	9/3		leg			+T-5	
8-1					good med. gr. type	2375		8/9	8/18		leg			+1-6	
9-1						2376		8/10	8/18		9/8			+1-6	
6-5-1-1						2377		8/7			leg			"	
2-1						2378		7/27			leg			"	
4-1						2379		7/29			leg			"	
	Fortuna					2380									
6-5-5-1						2381		8/16			leg			+1-6	
6-6-1-1						2382	X	8/12	8/20					+T-+	
2-1						2383		8/12	8/21					+T-+	
6-7-1-1						2384		8/21	9/4					+T-+	
2-1						2385	med. gr.	8/19	8/28					"	
3-1						2386		8/28	9/5					"	
4-1						2387		8/21	9/1			v. tall		"	
7-1						2388		8/28	9/5			v. tall		"	
10-1						2389		8/20	9/1					"	
	Edith					2390		8/8	8/16	8/21	9/4				
6-8-2-1						2391		8/16	8/31					+T-6	
3-1						2392		8/15	8/27					"	
5-1						2393		8/14	8/31					"	
6-9-1-1						2394		8/8	9/25		leg			+T-6	
8-1-2-1						2395		8/2	8/16					+T-6	
8-3-3-1						2396		8/15	9/25					+T-6	
4-1						2397		8/7			leg			+T-6	
4-2						2398		8/6			leg			+T-6	
9-1-2-1						2399		8/3	8/11		9/2			+T-6	
	Fortuna					2400		8/21							

Panicles upright, shorter than normal + ± sterile.

Abnormal plants have darker green leaf than normal, Leaf ± curled also

saved for growing next season

283A9-7-4-1

4-2

5-1

6-1

7-1

8-1

9-1

10-1

10-1-1-1

Edith

10-1-1-2

2-1

3-1

4-1

5-1

10-1-6-1

6-2

7-1

8-1

Fortuna

10-1-9-1

10-1

10-2-1-1

1-2

2-1

4-1

10-3-1-1

2-1

Edith

10-3-3-1

4-1

5-1

6-1

10-4-1-1

2-1

10-6-1-1

2-1

Fortuna

Row 2465 and 2466 are very sturdy. around 2465 ± upright panicles, vigorous growing. 2466 but rather highly branched (upside)

DATE
PLANT
EMERG.
(50%)

%
STAND

DATES

HEADING

RIPENING

PLANT

LODG-

LEAF

SHAW

1ST FULL

1ST FULL

HARV-
ESTED

HT.
(IN.)

ING
%

SPOT

TEARING

2441

2442

2443

2444

2445

2446

2447

2448

2449

2450

2451

2452

2453

2454

2455

2456

2457

2458

2459

2460

2461

2462

2463

2464

2465

2466

2467

2468

2469

2470

2471

2472

2473

2474

2475

2476

2477

2478

2479

2480

8/6

8/21 9/1

8/21 9/1

8/21 9/1

8/20 9/30

8/20 9/1

8/20 9/2

8/19 9/27

8/21 9/3

8/2 9/17

8/16 9/28

8/20 9/30

8/19 9/29

8/21 9/31

8/15 9/24

8/4

8/16 9/25

9/30 9/1

8/21 9/31

9/4

8/22 9/2

9/24 9/3

8/6

8/17

8/5

9/28 9/5

9/5

9/5

9/4

8/9 9/2

9/2

9/31

9/2

9/1

9/3

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		DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
283A10-6-3-1	good grain type	2481		7/29						TH
10-7-1-1		2482		7/31						TH
291A1-1-1	Edith x Caloro	2483		7/30	leg.					+
2-1		2484		8/19	8/29					+
3-1		2485		8/5	leg					+
3-1-1		2486	X	8/8	8/21	9/5	9/8	46		+
1-2		2487	X	8/9	8/21	9/5	9/8	47		+
2-1		2488	✓	8/20	8/30					+
3-1		2489		8/20	8/31					+
	Edith	2490		8/9	8/19	9/6				+
3-3-2		2491		8/13	8/24					+
5-1		2492		8/13	8/24					+
6-1		2493		8/16	8/25					+
4-1-1		2494		8/19	8/30					+
2-1		2495		8/20	8/31					+
3-1		2496		8/6	leg					+
3-2		2497		8/7	leg					+
5-1-1		2498		8/7	leg					+
1-2		2499		8/24	9/1					+
	Caloro	2500		8/8	8/13					+
5-2-1		2501		8/16	9/26					+
3-1		2502		8/1	leg					+
4-1		2503		8/20	8/31					+
6-1-1		2504		8/16	8/27					+
2-1		2505		8/13	8/20	9/7				+
7-1-1		2506	✓	8/9	leg					+
2-1		2507		8/11	leg					+
9-1-1		2508		8/10	8/20	9/7				+
2-1		2509		8/2	8/20					+
	Edith	2510		8/9	8/20	9/5				+
9-2-2		2511		7/30	8/11	8/21	9/4			+
3-1		2512		7/30	8/19		9/7			+
10-1-1		2513		8/5						+
4-1		2514		8/9						+
11-1-1		2515		8/17	9/1					+
2-1		2516	X	8/8	8/12	9/7	9/8	46		+
3-1		2517		8/9						+
3-2		2518		8/6						+
4-1		2519		8/25	9/1					+
	Caloro	2520		8/9	8/14					+

				DATE PLANT EMERG. (50%)	% STAND	D A T E S				PLANT LODG.		LEAF	SHAW
						HEADING	1ST FULL	1ST FULL	HARVESTED	HT. (IN.)	ING %	SPOT	TEARING
29/A/11-4-2	Edith x Caloro			2521	✓	D24	9/2						
5-1				2522		D23	9/1						
5-2				2523		8/22	D31						
5-3				2524		7/27	8/20	8/14	Seg				
14-1-1				2525		7/28	8/20	8/15	Seg				
15-1-1				2526		D25	9/2						
2-1				2527		8/18	D31						
2-2				2528		8/22	9/1						
3-1				2529		8/16	D26						
15-3-2	Edith			2530		8/9	8/20	9/4					
				2531		8/2	Seg	Seg					
16-1-1				2532		8/13	D24						
2-1				2533		8/7	Seg						
2-2				2534		8/22	9/1						
3-1				2535		8/19	8/28						
4-1				2536		8/21	D31						
4-2				2537	select	8/21	D31						
5-1				2538		8/19	D30						
5-2				2539		8/20	D30						
16-5-3	Caloro			2540		8/7	8/14						
				X 2541		8/19	D30						
6-1				2542		8/19	D30						
6-2				2543		8/18	D29						
7-1				2544		8/19	D30						
8-1				2545	X	8/18	D28						
8-2				2546	X	8/21	8/30						
9-1				2547		8/19	D30						
9-2				2548		8/20	D30						
17-1-1				2549		8/21	D31			SW.			
17-1-2	Edith			2550		8/9	8/19						
				2551		8/22	9/1						
2-1				2552		D23	9/2						
18-1-1				2553		8/22	9/1						
2-1				2554		8/2	Seg						
2-2				2555		8/16	D26						
3-1				2556		D25	9/3						
3-2				2557		9/5	9/2						
3-3				2558		D25	9/2						
4-1				2559		D25	9/2						
	Caloro			2560		8/8	8/13						

DATE PLANT EMERG. (80%)	STAND			DATES			PLANT LODG. HT. (IN.)	ING %	LEAF SPOT	SHAT- TERING
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
291A18-5-1		Edith x Caloro	2561	8/1	8/22	Seg			+	-
14-5-2			2562	8/16	9/26				+	+
19-1-1.			2563	8/1	Seg				+	+
1-2			2564	8/1	Seg				+	+
2-1			2565	9/25	9/2				+	-
2-2			2566	7/28	8/20	Seg			+	+
3-1	X		2567	8/19	9/1		Univ.		+	+
3-2			2568	8/16	9/27				+	+
3-3			2569	8/16	9/27				+	+
Edith			2570	8/9	9/21	9/6			+	+
20-1-1			2571	8/16	9/23					
2-1			2572	8/5	Seg				+	+
3-1			2573	8/16	9/28				+	+
21-2-1			2574	8/20	9/30				+	+
2-2			2575	8/19	9/2	Seg			+	-
3-1			2576	8/13	8/20	-			+	-
4-1	X	Short grain	2577	8/19	9/30				+	-
5-1			2578	8/18	9/30				+	-
292A1-1-1		Colusa x Edith	2579	7/31	8/9	8/21			+	-
Colusa			2580	7/28	8/8	8/21				
2-1-1			2581	7/30	8/9	8/21	9/1		+	-
2-1			2582	7/31	8/9	8/22	9/1		+	-
3-1-1			2583	8/18	9/30				+	-
4-1-1	± Poor		2584	8/22	9/1				+	-
2-1			2585	8/2	8/12	9/7			+	+
6-2-1			2586	7/31	8/21	8/21	9/2		+	+
3-1			2587	7/31	8/21	Seg			+	-
4-1			2588	7/27	Seg				+	-
4-2			2589	7/26	8/26	Seg			+	+
Edith			2590	8/9	8/19	9/4				
6-6-1			2591	8/10	9/30				+	+
7-1			2592	7/26	8/5	8/19			+	-
8-1			2593	7/31	Seg				+	-
7-1-1			2594	9/25	9/5				+	-
2-1			2595	8/2	Seg	5/2	Seg		+	-
3-1			2596	8/19	8/30				+	-
4-1			2597	8/20	9/31		Univ.		+	-
5-1			2598	8/21	9/31				+	-
8-1-1			2599	8/6	8/22				+	-
Colusa			2600	9/28	8/6	9/1				

St = sturdy
wk = weak

				DATE PLANT EMERG. (80%)	% STAND	DATES				PLANT HT. (IN.)	ODD- ING %	LEAF SPOT	SHADE TERING
						HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED				
292A8-2-1	Colusax Edith	2601				7/31	leg 8/21					+	+
3-1		2602				7/31	leg					+	+
4-1		2603				8/28	9/4					+	+
4-2		2604				8/6	leg					+	+
4-3		2605				8/2	leg					+	+
4-4		2606				8/7	leg					+	+
9-1-1		2607				8/9	leg					+	+
1-2		2608				8/2	leg					+	+
2-1		2609				7/31	leg					+	+
	Edith	2610				8/10	9/21	9/4				+	+
9-3-1		2611				8/1	leg					+	+
4-1		2612				8/25	9/2			uni.		+	+
4-2		2613				8/25	9/3					+	+
5-1		2614				8/2	8/13	8/22	9/2			+	+
10-1-1		2615				8/25	9/5					+	+
1-2		2616				8/6	leg	leg				+	+
2-1		2617				7/30	leg 8/20	leg				+	+
3-1		2618				8/20	8/31					+	+
4-1		2619				8/2	leg	leg				+	+
	Colusa	2620				7/28	8/6	9/1				+	+
10-4-2		2621				8/2	leg	leg				+	+
5-1		2622				7/27	leg 8/21	leg				+	+
6-1		2623				8/13	8/22					+	+
8-1		2624				7/30	8/20	leg				+	+
12-2-1		2625				8/25	9/3					+	+
3-1		2626				8/25	9/5					+	+
4-1		2627				8/4	leg					+	+
5-1		2628				7/27	leg					+	+
13-1-1		2629				8/9	leg					+	+
	Edith	2630				8/8	8/19	9/5				+	+
14-1-1		2631				8/7	leg	leg				+	+
1-2		2632				8/6	leg	leg				+	+
15-1-1		2633				8/10	8/31					+	+
293A1-1-1	Aikoku x Edith	2634	X			7/30	8/12	9/4	9/8	48	St.	+	+
2-1		2635	XL			7/28	8/7	8/21	9/2	44	St.	+	+
2-1-1		2636				8/1	8/9		9/4	51	St.	+	+
2-1		2637				8/2	8/11		"	51	St.	+	+
3-1		2638				8/1	8/11		"	50	St.	+	+
4-1		2639				8/1	8/9		"	50	St.	+	+
	Aikoku	2640				7/30	8/9	9/1		38	St.	+	+

			DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
293A2-4-2	AiKokux	Edith	2641		7/31	8/12	9/4	9/8	53	+	+
5-1			2642		7/31	8/12	"		53	+	+
6-1			2643		7/31	8/12	"		50	+	+
7-1			2644		7/30	8/12	"		51	+	+
7-2			2645		7/31	8/12	"		50	+	+
8-1			2646		8/1	8/12	"		50	+	+
8-2			2647		8/2	8/12	"		49	+	+
9-1			2648		8/2	8/12	"		49	+	+
10-1			2649		8/4	8/12	"		50	+	+
	Edith		2650		8/5	8/17	"		49		
11-1			2651	X	8/5	8/12	"	9/8	50	+	-
12-1			2652		8/4	8/12	"		50	+	-
12-2			2653		8/4	8/12	"		50	+	+
13-1			2654		8/4	8/12	"		51	+	+
14-1			2655		8/2	8/12	"		50	+	+
15-1			2656		8/4	8/12	"		49	+	-
16-1			2657		8/4	8/12	"		50	+	+
16-2			2658		8/4	8/12	"		50	+	+
16-3			2659		8/4	8/12	"		50	+	+
	AiKoku		2660		7/30	8/6	9/1				
4-1-1			2661		8/8	8/18	9/7			+	-
5-1-1			2662		8/8	Seg	Seg			+	+
6-2-1			2663		But. 7/31	Seg	Seg			+	-
7-1-1			2664		But. 7/16	8/27				+	-
2-1			2665	X	But. 7/13	8/25				+	-
3-1			2666		But. 7/9		Seg			+	-
8-1-1			2667		8/20	8/31				+	-
2-1			2668		8/7	8/14	9/2			+	-
11-1-1			2669		8/7	Seg	Seg			+	-
	Edith		2670		8/8	8/19	9/4			+	-
11-1-2			2671		8/16	8/27				+	-
13-1-1			2672		8/13	Seg				+	-
294A4-1-1	Butte	x Edith	2673		8/2	Seg				+	+
1-2			2674		8/18	8/30				+	+
2-1			2675		8/22	9/1				+	+
5-1-1			2676		8/2	8/16	8/20	Seg		+	+
3-1			2677		7/30	8/20				+	+
4-1			2678		7/30	7/9				+	+
5-1			2679	X	8/1	8/11	9/1	9/5	49	+	+
	Butte		2680		8/3	8/9	9/2			+	+

				DATE PLANT EMERG. (50%)	STAND	DATES			PLANT LODG.		LEAF SPOT	SHAPE TERMIN
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV. STARTED	HT. (IN.)	ING %		
294A6-3-1	Butte x Edith	2681				8/13	8/21				+	
3-2		2682				8/16	8/22				-	
7-2-1		2683				8/6	8/25			st.	-	
8-1-1		2684				8/12	8/22				-	
9-1-1		2685				8/13	8/25				-	
2-1		2686				8/22	8/31				+	
3-1		2687				8/30	8/20				-	
11-1-1		2688				8/18	8/30				+	
2-1		2689				7/28	8/20				+	
	Edith	2690				8/6	8/19	9/5			-	
11-3-1		2691				8/21	9/1				-	
4-1		2692				7/30	8/20				+	
4-2		2693	✓			7/27	8/18				-	
4-3		2694	✓			7/28	8/18				+	
12-1-1		2695				7/30	8/18				+	
2-1		2696	✓			8/25	9/1				+	
295A2-1-1	Edith x Kameji	2697			out. 7/20	8/21	8/31				+	
3-1-1		2698				8/20	8/30				-	
2-1		2699	✓			7/29	8/21				-	
	Kameji	2700				8/15	8/19				-	
2-2		2701				8/22	9/1				+	
3-1		2702				8/20	8/31				-	
4-1		2703				8/16	8/21				+	
6-1		2704	L			8/14	8/24				+	
4-1-1		2705				7/27	8/19				-	
5-1-1		2706				7/27	8/15				+	
2-1		2707				7/31	8/20				-	
3-1		2708				8/21	8/31				-	
3-2		2709				8/5	8/20				+	
	Edith	2710				8/9	8/19	9/5			-	
6-1-1		2711				7/31	8/11	8/20			+	
2-1		2712				8/2	8/20	9/5			+	
7-1-1		2713				8/2	8/19	9/8			+	
2-1		2714	✓			8/2	8/11	8/21	7/6		-	
3-1		2715				7/31	8/11	8/22	7/6		+	
8-1-1		2716				8/25	8/3				+	
2-1		2717				8/21	9/1				-	
2-2		2718				8/22	9/2				-	
2-3		2719				8/21	9/2				-	
	Kameji	2720				8/13	8/19				-	

Seeds of all 295 AB selections have upright growth habit, 9/7, 14MB. good plant characters.

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
295A8-3-1	Edith x Kameji	2721				8/25 9/1						
3-2		2722	✓			8/4 leg						
3-3		2723	✓			8/18 9/31						
9-1-1		2724	X			8/2 8/12	9/5 9/21	± Dr.				
10-1-1		2725				8/1 leg						
11-1-1		2726	✓			7/30 8/6 8/20 9/1						
2-1		2727	✓			8/20 8/31						
12-1-1		2728				7/31 leg 8/21						
2-1		2729				8/5 leg 8/22						
	Edith	2730				7/27 8/16	9/3					
3-1		2731				8/4 leg						
4-1		2732				7/31 leg 8/22						
4-2		2733				8/1 leg						
13-1-1		2734	✓			8/22 9/2						
3-1	leg for grain type ± good	2735				8/19 9/30			slim ± ft			
3-2	same smooth leaves & in glumes separate	2736			good grain type	8/8 leg			mid good			
15-2-1		2737				8/15 9/25	9/5		sl. w. h.			
3-1		2738				8/15 leg						
17-2-1		2739				7/30 leg						
	Kameji	2740				8/13 8/22						
17-3-1	leaves upright growth habit	2741				8/19 9/31						
18-1-1		2742				8/16 9/27						
2-1		2743				8/16 leg						
2-2		2744	X			8/15 9/26	9/9 9/9	52				
2-3		2745	X			8/13 9/26	9/9 9/9	47				
4-1		2746				8/1 leg						
4-2		2747				8/1 leg						
4-3		2748				7/30 leg						
4-4		2749				7/30 leg						
	Edith	2750				8/8 8/18	9/5					
18-5-1		2751				7/31 leg						
5-2		2752				7/27 leg						
19-1-1		2753				8/16 9/28						
2-1		2754				8/16 9/28						
20-1-1		2755				7/30 leg						
1-2		2756				7/28 leg						
1-3		2757				7/30 leg						
21-1-1		2758				8/1 leg						
22-1-1		2759				8/25 9/3						
	Kameji	2760				8/15 9/22						

				DATE PLANT EMERG. (80%)	% STAND	DATES			PLANT HT. (IN.)	LOGG- ING %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
295A	22-2-1	Edith x Kameji	2761			8/22	9/1				+	+
	23-1-1		2762			7/30	8/20				+	+
	25-2-1		2763			8/16	8/28				+	-
	3-1		2764			8/16	8/27				+	-
	4-1		2765	✓		8/19	8/31				±	-
	5-1		2766			8/20	9/1				+	-
	6-1		2767			8/16	8/28				+	-
	7-1		2768			8/16	8/28				+	-
	7-2		2769	X		8/16	8/28	9/12	9/21		+	-
		Colusa	2770			7/30	8/5					
297A	1-2-1	Colusa x Delitus	2771			8/2	8/22				+	-
	3-1		2772			7/30	8/22				+	-
	4-1		2773			8/2	8/22				+	-
	5-1		2774			8/5	8/22				+	-
	6-1		2775			8/4	8/22				+	-
	2-2-1		2776			8/3	8/14	9/5			+	-
	3-1		2777			8/5	8/20	9/8			+	-
	3-2		2778			8/13	8/22				+	-
	4-2-1		2779			8/8	8/22				+	-
		Delitus	2780			8/13	8/25	9/7			+	-
	4-3-1		2781			8/12	8/22	9/7			+	-
	4-1		2782			8/6	8/20				+	+
	5-1		2783			8/6	8/19	9/5			+	-
	6-1		2784	✓		7/30	8/12	9/5			+	-
	6-2		2785			8/2	8/16	9/5			+	-
	7-1		2786			8/6	8/16	9/5			+	-
	8-1		2787	✓		8/2	8/19	9/5			+	-
	10-1		2788			8/6	8/11	9/5			+	-
	5-1-1		2789			7/25	8/1	8/19	9/2		+	-
		Colusa	2790			7/30	8/7	9/1			+	-
	6-1-1		2791			7/30	8/17	8/20	9/5		+	-
	2-1		2792			8/7	8/16	9/5			+	-
	7-2-1		2793			7/30	8/10	8/20	9/5		+	-
	3-1		2794			7/30	8/10	8/20	9/5		+	-
	8-1-1		2795			8/8	8/19	9/7			+	-
	9-1-1		2796			7/30	8/1	8/19	9/2		+	-
	2-1		2797			8/2	8/16	9/5			+	-
	3-1		2798			7/31	8/11	9/5			+	-
	6-1		2799				8/11	9/5			+	-
		Delitus	2800			8/13	8/25	9/8			+	-

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHADE TEERING
						HEADING 1ST FULL	1ST FULL	HARV- ESTED				
297A	9-7-1	Colusa x Delitus	2801			7/30	leg	leg			+	-
	10-2-1		2802			8/2	8/31				+	-
	4-1		2803			7/24	leg	leg			+	-
	4-2		2804			8/9					+	-
	11-1-1		2805			7/26	leg	leg			+	-
	2-1		2806			8/1	leg	leg			+	-
	13-1-1		2807			7/30	leg	leg			+	-
	2-1		2808			8/1	leg	leg			+	-
	14-1-1		2809			8/1	8/16				+	-
		Colusa	2810			7/24	8/8	9/1			+	-
	15-1-1		2811			7/30		leg			+	-
	2-1		2812			7/26	8/21	leg			+	+
	17-1-1		2813			8/6	8/16				+	-
	18-1-1		2814			7/23	leg	8/9			+	-
	2-1		2815			7/25		leg			+	-
	19-2-1		2816			7/27		leg			+	-
	4-1		2817			7/30		leg			+	-
	20-1-1		2818			7/30		leg			+	-
	2-1		2819			8/1		leg			+	-
		Delitus	2820			8/9		leg	9/6		+	-
	21-1-1		2821			7/26	8/21	8/21	leg		+	-
	1-2		2822			7/26	leg	8/21			+	-
	1-3		2823			7/29	leg	8/20			+	+
	2-1		2824			7/25	leg	8/20			+	-
	22-2-1		2825			7/27	8/11				+	-
	3-1		2826			8/9	8/16				+	-
298A	2-1-1	Colusa x Honduras	2827			7/27		leg			+	-
	1-2		2828			7/29	8/16	8/22	leg		+	+
	1-3		2829			7/30			leg		+	+
		Colusa	2830			7/27	8/8	9/1			+	-
	4-1-1		2831			7/29			leg		+	+
	1-2		2832			7/26	8/11	8/20			+	+
	6-2-1		2833			8/2	8/21		leg		+	+
	7-1-1		2834			8/6	8/19		9/9		+	+
	2-1		2835			8/2	8/16		9/4		+	+
	3-1		2836			8/2	8/13		9/4		+	+
	5-1		2837			8/1	8/21		leg		+	+
	6-1		2838			8/2	8/21		leg		+	+
	6-2		2839			8/1	8/21		leg		+	+
		Honduras	2840			8/12	8/19		9/4		+	+

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
298A7-7-1	Colusa x Honduras	2841				8/1	8/16	leg				
8-1		2842				7/31		leg				
8-2		2843				7/29		leg				
8-3		2844				8/2		leg				
8-2-1		2845	X			8/1	8/16	9/7 9/9 ✓				
10-1-1		2846				7/24	8/6	leg				
2-1		2847				8/1		leg				
3-1		2848				8/21	9/1					
3-2		2849				8/21	9/1					
	Colusa	2850				7/27	8/6	9/20				
11-2-1		2851				7/27	8/22	leg				
4-1		2852				7/25	8/20	leg				
12-1-1		2853				7/23	8/18	leg				
15-2-1		2854				8/3		leg				
16-1-1		2855				8/1		leg				
1-2		2856				8/2		leg				
2-1		2857	✓			8/1		leg				
19-1-1		2858	X			8/18	9/27	9/9				
2-1		2859				7/27	8/20	leg				
	Honduras	2860				8/8	8/16					
19-3-1		2861				8/16	8/25					
20-2-1		2862				7/27	8/20	leg				
3-1		2863	X			8/16	8/22	9/10				
21-1-1		2864				8/9		leg				
2-1		2865				7/27	8/20	leg				
3-1		2866				7/27	8/20	leg				
299A2-1-1	Caloro x Honduras	2867				8/1	8/13	8/20 9/3				
2-1		2868				7/27	8/9	8/16 9/1				
3-1		2869				7/28	8/9	8/20 9/1				
	Caloro	2870				8/4	8/10	9/7				
2-4-1		2871	X			8/4	8/14	9/7				
3-1-1		2872	✓			8/2		leg				
1-2		2873				7/28	8/9	9/6				
1-3		2874				7/28	8/9	9/6				
2-1		2875				8/2	8/10	9/6				
2-2		2876	✓			8/3	8/15	9/6				
4-1-1		2877				8/1	8/9	9/22				
5-1-1		2878				8/5	9/1					
3-1		2879				8/5	9/1					
	Honduras	2880				8/9	8/17	9/4				

				DATE PLANT EMERG. (80%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAW- TERRING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
299A 5-4-1	Caloro x Honduras	2881				8/15	8/25				+	
4-2		2882				8/12	8/20		leg		+	
5-1		2883				8/1			leg		+	
7-1-1		2884				8/2	8/12				+	T
2-1	leg. gain type	2885				8/2	8/12	9/5			+	
3-1		2886				8/11			leg		+	
3-2	leg. gain type	2887				8/1	8/10				+	T
8-1-1		2888	leg. gain color			8/1	8/12				+	
9-1-1	leg. gain type	2889				8/1	8/9				+	
	Caloro	2890				8/3	8/9	9/5				
10-1-1	leg. gain type	2891				8/12	8/24				+	
1-2		2892				8/9			leg		+	
2-1	Br. true	2893				8/20	9/1				+	
2-2	Br. true	2894				8/20	9/1				+	
13-1-1		2895				7/24	8/18		leg		+	
1-2		2896				7/26	8/19		leg		+	T
2-1	Br. true	2897	mid-row. Chla. def. pl.			8/24	9/1				+	
2-2		2898				8/18	8/30				+	
3-1		2899				8/19	8/30				+	T
	Honduras	2900				8/6	8/17	9/7				
13-4-1		2901	✓			8/3			leg		+	
5-1		2902				8/11			leg		+	
6-1		2903				8/12	8/24		leg		+	T
6-2		2904				7/27	8/20		leg		+	
17-1-1		2905				7/26	8/20		leg		+	T
2-1		2906				8/13			leg		+	
3-1		2907				8/2			leg		+	
19-1-1	Br. true	2908				8/18	8/29				+	
20-1-1		2909				8/3			leg		+	T
	Caloro	2910				8/5	8/11	9/6				
21-1-1	± mixed	2911				8/13	8/25				+	T
3-1	leg. gain type	2912				8/13	8/25				+	
4-1		2913				7/25	8/16		leg		+	T
4-2	Br. true	2914				8/19	8/30				+	
23-1-1		2915	poor type			8/18	8/29		leg		+	
1-2		2916	poor type			8/18	8/29		leg		+	
25-1-1		2917				8/1	8/22		leg		+	
2-1		2918				7/26	8/19		leg		+	T
3-1		2919				8/2	8/20		leg		+	
	Honduras	2920				8/3	8/17	9/6				WT

		DATE PLANT EMERG. (80%)	% STAND	DATES			PLANT LODG.		LEAF	SHAW
				HEADING	RIPENING		HT. (IN.)	ING %	SPOT	TERMIN
				1ST FULL	1ST FULL	HARV- ESTED				
ap										
299A27-1-1	Caloro x Honduras	2921	poor type	8/8	8/9					+T+
2-1		2922	poor	7/26		9/22			leg	+
3-1		2923		8/13	8/22				leg.	+
28-1-1		2924		8/15					leg	+T+
2-1		2925		8/15					leg	+
29-1-1		2926		8/3					leg	+
30-2-1		2927		8/16	8/28				leg	+
3-1		2928		8/14	8/26				leg	+T+
3-2		2929		8/16					leg	+
2910A1-1-1	Caloro	2930		8/4	8/10			9/6		
2-1	Delitus x Caloro	2931		8/3	8/12		9/8		Tall	dark
3-1		2932		8/2	8/12		9/8			dark
3-2		2933	Poor row	8/1	8/22				leg	+
2-2-1		2934		7/25					leg	+
3-1		2935		8/3					leg	+
6-1		2936		8/2	8/11		9/8			dark
7-1		2937		7/27					leg	+
3-1-1		2938		8/2					leg	+
	Delitus	2939	lyapiccolu	7/27	8/13					+T
3-2-1		2940		8/11	8/21		9/10			
5-1-1		2941		7/27	8/22				leg	+T
6-1-1		2942	✓	7/26					leg	
2-1		2943		7/28					leg	±
7-1-1		2944		7/28					leg	±
8-2-1		2945	✓	8/4					leg	
2-2		2946		7/28					leg	+T
3-1		2947		8/2					leg	+
3-2		2948		7/28					leg	+
	Caloro	2949	leg. glume color	7/27	8/8					+T
9-1-1		2950		8/2	8/10					
2-1		2951		8/23	9/1				tall+	+
3-1		2952		8/21	8/31				tall+	+
11-1-1		2953		8/24	9/2				tall+	+
1-2		2954	I good	8/15	8/27					st
2-1		2955	I good	8/15	8/27					st
3-1		2956		7/27					leg	+
4-1		2957		8/1	8/11					dark
5-1		2958		8/2					leg	+
	Delitus	2959		7/26					leg	+
		2960		8/11	8/21		9/8			

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
2910A	18-1-1	Delitus x Caloro		2961	✓	7/26	8/9		leg		+	
	14-1-1	leg. grain type		2962	✓	8/1	8/11					T
	2-1	leg. grain type		2963	✓	8/1	8/12		9/5			
	2-2	leg. grain type		2964	✓	8/1	8/12		9/5			
	17-2-1			2965		8/1	8/11		9/5		+	
	20-1-1	leg. apic color		2966	X	8/1	8/11		9/5		+	
	2-1			2967		8/4	8/15		9/9		+	
	2-2			2968		8/3			leg		+	
	3-1			2969		8/9			leg		+	
		Caloro		2970		8/4	8/10		9/6			
	20-3-2			2971	X	8/2	8/16		9/9	Tall	+	
	4-1			2972		8/9	8/19				+	
	22-1-1			2973		8/22			leg		+	
	2-1			2974		7/31			leg		+	
	23-1-1			2975		7/31			leg		+	
	1-2			2976		8/6			leg		+	
	24-1-1	Br. time		2977		8/3	8/11		9/9		+	
	2-1			2978		8/1	8/11				+	T
	26-1-1			2979		7/27			leg		+	
		Delitus		2980		8/11	8/21		9/9			
	26-1-2			2981		8/2			leg		±	WT
	1-3			2982	✓	7/26	8/21		leg		±	
2911A	2-1-1	Kameji x Honduras	Br. time	2983	X	8/1	8/10		9/6	Ht.	+	
	1-2		Br. time	2984		8/2	8/10		9/6		+	
	2-1	leg. grain type		2985		7/29	8/7		9/4		+	
	2-2	Br. time		2986	✓ X	8/8	8/13		9/9	tall		
	2-3	hetero grain 186	Br. time	2987	X	8/8	8/13		9/9	tall	+	
	3-1-1			2988	✓	8/1	8/11		9/9			T+
	5-1-1			2989		7/26		9/20	leg		+	
		Kameji		2990		8/15	8/21		9/10			
	6-1-1	Br. time		2991		8/7	8/14		9/9		±	T
	2-1	long grain type		2992		8/1	8/11		9/2		+	T
	3-1	med gr. leg grain type		2993	✓	8/1	8/11		9/2		±	
	4-1			2994		8/7	8/13		9/5		+	
	5-1	leg. grain type		2995		7/27	8/11		9/2		+	
	7-1-1	short grain		2996		7/27	8/11		9/1		+	WT
	3-1	good sh. grain	Br. time	2997		8/3	8/11		9/6		+	
	8-1-1			2998		7/27	8/14		9/31		+	
	9-1-1			2999		7/2	8/11		9/2		+	WT
		Honduras		3000		8/8	8/19					

		DATE PLANT EMERG. (50%)	STAND	DATES			PLANT LODG.		LEAF	SHAW
				HEADING 1ST FULL	RIPENING 1ST FULL	HARVESTED	HT. (IN.)	ING %	SPOT	TENDING
29/1/19-2-1	Kameji x Honduras	3001		8/1	8/11	9/2			+ T	wt.
2-2		3002		8/4	8/16	9/5			+ T	
10-2-1		3003		8/2				leg	+ T	
4-1	leg. apic. color	3004		9/25	9/2				+	
5-1	Br. time.	3005		9/25	9/2				+	
7-1		3006		9/25	9/3				+	
8-1		3007		8/3				leg	+	
9-1		3008		8/2	8/10	9/5		leg	+	
14-1-1		3009		7/28				leg	+	
	Kameji	3010		8/12	8/21	9/10				
16-1-1		3011		8/1				leg	+	
3-1		3012		8/13	8/25				+	
18-1-1	mid-gr	3013	✓ X out	9/25	9/1	9/21	50	st +	±	
19-2-1	good row	3014		9/25	9/1				+	
2-2	gain length	3015		7/28				leg	+ T	
2-3	first exp.	3016		8/2				leg	+ T	
20-1-1		3017		8/19	8/30				+ T	
1-2		3018		8/2				leg	+	
2-1		3019	✓	8/16				leg		
	Honduras	3020		8/7	8/19	9/8				
21-1-1		3021		8/1	8/10	9/2			+ T	
2-1		3022	leg for ann.	8/2	8/14	9/3			+ T	
23-2-1		3023		7/25				leg	+ T	
2-2		3024		7/28				leg	+	
3-1		3025		9/25	9/3				+	
24-1-1		3026		8/12	8/21				+	
3-1		3027		8/13				leg	+	
4-1		3028		7/24				leg	+	
5-1		3029		8/12	8/24				+ T	
	Kameji	3030		8/12	8/21	9/10				
24-5-2	good row	3031		8/16	8/29				st +	
28-1-1	length	3032		8/2				leg	trunk +	
2-1	first exp.	3033	✓	8/2				leg	±	
3-1		3034		8/2	8/12	9/3			st + T	
3-2		3035		8/2	8/12	9/3			st +	
4-1	good row	3036	X	8/17	8/26	9/15			+	
4-2	may be reg	3037	✓ X	8/16	9/7	9/13			±	
34-1-1	for tips ann.	3038		8/19	8/31				+	
1-2	no tip	3039		8/19	8/31				+	
	external	3040		8/8	8/18	9/7				
	Honduras									

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT LODG. HT. (IN.)	ING %	LEAF SPOT	SHADE TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
2911A34-2-1	Kameji x Honduras	leg grain		3041		7/24 8/13	9/1				+ Twt	
36-1-1		ll. g.		3042		8/18 9/28	9/13				+	
40-2-1				3043		7/28 8/12	9/1				+	
2-2				3044		7/28		leg			+	
3-1		Br. true		3045	✓	8/21 9/31			Uni			
3-2		Br. true		3046		8/21 9/31			Uni		+ T	
41-1-1				3047		8/15		leg	2rr		+	
2-1		leg grain color		3048		7/27		leg			+	
42-1-1				3049		8/13 9/24			2rr		+ T	
	Kameji			3050		8/12 8/22	9/10					
2912A1-1-1	Kameji x Blue Rose			3051		8/11 8/20					± wk +	
2-1-1				3052		8/11 8/19					+	
2-1				3053		8/12 8/20					+	
3-2-1				3054		8/19 9/31					+	
3-1				3055		8/12		leg			+	
4-1-1				3056		8/18 9/28			tail wk		+	
2-1				3057		8/15 9/26					+	
5-1-1				3058	X	8/13 9/24					+ T	
6-1-1				3059		8/11 8/20					wk + T	
	Blue Rose			3060		8/19 9/31						
6-2-1				3061		7/28		leg leg			+	
3-1		leg grain length		3062		8/12 8/20	9/12				+	
4-1				3063		8/12 8/20	9/12				± wk +	
4-2		good grain type		3064	X	8/13 8/20	9/12	Full			+	
7-1-1				3065		8/12 8/20	9/12				+	
2-1				3066		8/12 8/20	9/14				+	
2-2				3067		8/13 8/21					+	
3-1				3068		8/13 8/20					+	
8-1-1				3069		8/19 9/31					+	
	Kameji			3070		8/11 8/19	9/10					
9-1-1		leg. gr. type good		3071		8/14		leg			+ T+	
2-1				3072		8/16 8/22					+ T+	
2-2				3073		7/28		leg leg			+	
3-1				3074		8/13 9/24		leg			+	
3-2				3075		8/11 8/21	9/11	Uni			+	
10-1-1				3076		8/1		leg			+	
11-1-1		good grain type (mid)		3077	+	8/16 8/22	9/13	Uni	St		+	
2-1				3078		8/15 8/21					± wk	
3-1				3079		8/16 8/22					± wk	
	Blue Rose			3080		9/20 9/31						

					DATE PLANT EMERG. (80%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAW TERRING
							HEADING 1ST FULL	RIPENING 1ST FULL	MARK- ETED				
2912A11-3-2	Namejix Blue Rose.	3081			8/16	8/22						+	
3-3		3082			8/16	8/22						+	
12-1-1	good row.	3083	x		8/16	8/23			7/31	uni	st	+	
13-1-1		3084			8/15	8/20					st	+	
1-2		3085			8/12	8/21					st	+	
2-1		3086			8/13	8/21					st	+	
2-2		3087			8/16	8/20					st	+	
3-1		3088			8/16	8/21					st	+	T
14-1-1		3089			8/15	8/20			9/11		1	+	
	Kameji	3090			8/13	8/19			9/10		st	+	
14-1-2		3091			8/11	8/19			9/12		st	+	
16-1-1		3092			8/18	8/31				Tall		+	
2-1		3093			8/19	8/31				Tall		+	T
2-2		3094			8/19	8/31						+	
18-1-1		3095			8/18	8/28						+	
2-1		3096			8/18	8/28						+	T
19-2-1	good row.	3097			8/19	8/28				uni	st	+	T
20-1-1		3098			8/16	8/27						+	
2-1		3099			8/19	8/28					st	+	
	Blue Rose	3100			8/21	8/31							
20-3-1		3101			8/20	8/30						+	
4-1		3102			8/20	8/30						+	T
4-2		3103	✓		8/20	8/31						±	
4-3		3104			8/18	8/27						+	
23-1-1		3105			8/19	8/27						+	
1-2		3106			8/20	8/31						+	
24-1-1		3107			8/21	8/31						+	T
2-1		3108			8/13	8/22						+	
3-1		3109			8/19	8/28						+	
	Kameji	3110			8/12	8/19			9/10				
24-4-1		3111			8/18	8/27						+	T+
5-1		3112			8/16	8/25						+	T+
6-1		3113			8/13	8/24						+	T+
6-2		3114			8/13	8/22						+	T+
25-1-1	2 poor grain type good row	3115			8/18	8/26				uni	st	+	T+
26-1-1		3116			8/16	8/25						+	T+
28-1-1	good row	3117	x		8/16	8/24			9/15	uni	± tall	+	T+
29-1-1		3118			8/18	8/26						+	
30-1-1		3119			8/19	8/27						+	
	Blue Rose	3120			8/20	8/28							

Start with 3/45

				DATE PLANT EMERG. (80%)	% STAND	DATES		PLANT LODG.		LEAF	SHAT-
						HEADING	RIPENING	HT. (IN.)	ING %	SPOT	TERING
						1ST FULL	1ST FULL				
29/2A32-1-1	Kamejix Blue Rose			3121	✓ Out	8/16	9/27				
33-1-1				3122		8/15	9/27			Dark	+T+
2-1	excellent grain good seed			3123	X	8/14	9/25	9/13		uni	+T+
34-1-1				3124		8/12	9/24			stuck	+T+
35-1-1				3125		8/17	9/25				+T+
1-2				3126		8/16	9/25			tall	+T+
37-1-1	med. good grain type pink seg. fr			3127		8/16	9/22				+T+
38-1-1				3128		9/19	9/25				+
2-1				3129		8/18	9/26				+
	Kameji			3130		8/15	9/21	9/11			
38-3-1				3131		8/17	9/24				+
4-1	very plants diseased near heading - seed time			3132		8/12	9/20				+
5-1				3133		8/21	9/29				+
5-2				3134	✓ X	8/19	9/27	9/20		uni	±
5-3				3135	✓	8/18	9/26				±
42-1-1				3136	✓	8/25	9/2				±
2-1				3137	X	8/21	9/30	9/20 9/21		st	+
2-2				3138	✓	8/21	9/30				±
43-1-1				3139	✓	8/15	9/22				±
	Blue Rose			3140		8/22	9/30				
44-1-1				3141		8/12	9/21				+
46-2-1				3142		8/14	9/22				+
47-1-1	good Row			3143		8/15	9/21				+
2-1				3144		8/16	9/21				+
29/3A3-1-1	Colusax Blue Rose			3145		8/22	9/30				+
6-1-1				3146		8/1	9/12			uni	+T
6-2-1				3147		8/1	9/12			uni	+
6-3-1				3148		8/1		8/17		leg	+T
6-3-2				3149		8/3				leg	+
	Colusa			3150		7/26	8/8				
9-1-1				3151		7/27	8/19			leg	+
9-2-1				3152		8/1	9/20			leg	+
11-1-1				3153		8/6				leg	+
12-1-1				3154		8/18					+
12-2-1				3155		8/1	8/19			leg	+
12-3-1				3156		8/1	9/18			leg	+
12-4-1				3157		8/1				leg	+
12-5-1				3158		8/18	9/29				+
-2				3159		8/3				leg	+
	Blue Rose			3160							

				DATE PLANT EMERG. (80%)	% STAND	DATES			PLANT LODG. HT. (IN.)	ING %	LEAF SPOT	SHAP- TENDING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
2913A	17-3-1	Colusa x Blue Rose		3161		8/3			leg		+	
	18-1-1			3162		8/21				uk	+	
	19-1-1			3163		8/1			leg		++	
	21-1-1			3164		8/5	8/18				+	
	21-2-1		✓	3165		8/25	9/1				±	T
	21-3-1			3166		8/20	8/28				+	
	21-4-1			3167		8/18	8/27				+	
	23-3-1			3168		8/3	8/13				+	
	24-1-1			3169		7/27	8/11				+	
		Colusa		3170		7/28	8/11					
	26-1-1			3171		8/22	8/30				+	
	27-1-1			3172		8/3	8/19				+	
	2-1			3173		8/20	8/28				+	
	28-1-1			3174		8/3			leg		+	
	29-1-1			3175		8/1			leg		+	
	2-1			3176		8/2			leg		+	
	3-1			3177		8/19			8/27		+	
	4-1			3178	X	8/18	8/26		9/5	9/21	+	
	5-1	few early shatteringly segregating good line		3179		8/1			leg	st.	+	
		Blue Rose		3180		8/22						
	29-6-1			3181		8/1			leg		+	
	7-1			3182	X	8/22	8/31		9/5	49 st	+	
	8-1			3183		8/21	8/30				+	
	30-1-1			3184		8/1	8/20		leg		+	T
	31-1-1			3185		8/19	8/30				+	T
	2-1			3186		8/18	8/28				+	T
	3-1			3187		8/20	8/29				+	
	32-1-1			3188		8/16	8/22				+	
	2-1			3189		8/17	8/30				+	
		Colusa		3190		7/31	8/6					
	32-2-2			3191		8/14	8/22				+	
	3-1			3192		8/1	8/21		leg		+	
	4-1			3193		8/15	8/22				+	
2914A	2-1-1	Caloro x Blue Rose		3194		8/16	8/23				+	
	3-1-1			3195	+ are g.	8/11	8/20				+	
	3-1-2			3196		9/9	8/16				+	
	3-2-1			3197		9/9	8/13				+	T
	3-3-1			3198		7/27	8/16				+	T
	4-1-1			3199	+ are g.	8/15	8/20				+	
		Blue Rose		3200		8/19						

2914A19 family have excellent grain types, many are slightly larger than B Rose. Straw slightly pink.

			DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODGE- ING %	LEAF SPOT	SHAT- TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
2914A5-1-1	Calorox Blue Rose	3201			8/15	8/19				+	
5-2-1		3202			8/13	8/19				+	
6-1-1		3203			8/13	8/18				+	
8-1-1		3204	X	avg	8/10	8/14				+	
9-1-1		3205		avg	8/13	8/20				+	
1-2		3206	✓	avg	8/15	8/20				±	
2-1		3207			8/18					+	
2-2	1	3208		X	8/1	8/20				+	
3-1		3209			7/31					+	
	Caloro	3210			8/7	8/13					
9-3-2		3211	X		8/18		7/22 7/22 55			+	
11-1-1		3212			8/12	8/18				+	
2-1		3213			8/18					+	
12-1-1		3214			8/17	8/22				+	WT
13-1-1		3215			7/28	8/14				+	
14-1-1	avg. gr. length. wide leaf blade	3216			8/1		avg			+	slightly def color
14-2-1		3217			8/7	8/14				+	
16-1-1		3218			8/11	8/21				+	
17-1-1		3219			8/11	8/19				+	
	Blue Rose	3220			8/21						
19-1-1		3221			8/11	8/20				+	
2-1		3222			8/13	8/21				+	
3-1		3223			8/18	8/22				+	
4-1		3224	X	avg	8/12	8/17				+	
5-1		3225			8/7	8/15				+	
6-1		3226			8/9	8/18				+	
7-1		3227			8/6	8/18				+	
8-1		3228			8/12	8/21				+	
22-1-1		3229			8/3					+	
	Caloro	3230			8/6	8/12					
22-1-2		3231			8/6	8/21				+	
2-1		3232			8/13					+	T
2-2		3233			8/16	8/22				+	
3-1		3234	Out. gr.							+	T
3-2		3235	But. gr.							+	
2 3-1-1		3236			8/4	8/16				+	
2-1		3237			8/17	8/22				+	T
3-1		3238			8/20					+	T
4-1		3239			8/16					+	
	Blue Rose	3240			8/21						

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT LODG.		LEAF	SHAT
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	SPOT	TERING
29/4A25-1-1	Caloro x Blue Rose			3241		8/12	8/19				+	
1-2				3242		8/13	8/20				+	
2-1				3243		8/20					+	
2-2				3244		8/16					+	
26-1-1				3245	partial segregation	7/31	8/10				+	
27-1-1				3246		8/17					+	T
28-1-1	few Purple spine			3247	leg maturity	7/28	8/19				+	slight
30-1-1				3248	leg maturity	7/27					+	T
30-2-1				3249		8/11	8/15				+	T
	Caloro			3250		8/6	8/13					
31-1-1				3251		8/12	8/19				+	T
4-1				3252		7/28	8/17				+	T
5-1				3253		8/10	8/17				+	T
6-1				3254		8/11	8/17				+	
7-1				3255		8/12	8/19				+	T
8-1				3256		8/12	8/19				+	
32-1-1				3257		8/16	8/20				+	
33-1-1				3258		8/20					+	
2-1				3259	leg maturity	8/5					+	
	Blue Rose			3260		8/21						
33-3-1				3261	X acc. g.	8/15	8/22				+	
4-1				3262	X acc. g.	8/19					+	
35-1-1				3263		8/17					+	T
2-1				3264		8/12	8/19				+	
3-1				3265		8/17	8/20				+	
3-2				3266		8/16	8/20				+	T
3-3				3267		8/16	8/20				+	
36-1-1	good Rose			3268		8/18					+	
2-1				3269	leg maturity	8/9	8/21				+	T
	Caloro			3270		8/4	8/12					
36-3-1		short g. T		3271		8/6	8/16				+	
4-1				3272		8/18					+	
5-1				3273		8/16	8/21				+	
6-1				3274		8/11					+	
6-2				3275		8/5	8/18				+	
6-3				3276		8/12	8/19				+	
6-4				3277		8/4	8/16				+	T
7-1				3278	leg maturity	8/1					+	
37-1-1				3279		8/12	8/20				+	T
	Blue Rose			3280		8/19						

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT LODG.		LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		
2914A	37-2-1	Caloro x Blue Rose	3281			8/16	8/22		1		+	T
2916A	1-1-1	Edith x Blue Rose ^{+ long grain}	3282	X		8/3	8/10	9/3	tall	st	+	T
	2-1-1	med. gr.	3283	X?		8/2	8/9	9/4		st	+	T
	2-2-1	± long grain	3284			7/31	8/8	9/1			+	T
	2-3-1	± long grain	3285			7/31	8/8	9/1			+	T
	2-4-1	med. gr.	3286			7/31	8/8	9/1		st	+	T
	3-1-1	med to long gr. ^{prob. right}	3287			8/3	8/10	9/2			+	T
	3-2-1	med grain ^{wood}	3288	X		8/2	8/10	9/2			+	T
	3-3-1	± long grain	3289			8/4	8/12	9/4	tall	st	+	T
		Edith	3290			8/3	8/13	9/3				
	3-4-1	med to long gr.	3291			7/31	8/9	9/1			+	T
	3-4-2	med. to long gr.	3292			7/31	8/9	9/1			+	T
	4-1-1	Seg. grain length	3293			8/2	8/12	9/1			+	T
	5-1-1	± long gr. seg for grain length	3294			7/28	8/8	9/1			+	T
	5-2-1	good row - long grain - ^{type prob. not fixed}	3295	X		8/2	8/12	9/3			+	T
	5-4-1	med - grain type	3296		Seg for maturity	7/23	8/21				+	T
	6-1-1	± long grain - ^{type prob. not fixed}	3297			8/1	8/11	9/2			+	T
	6-2-1	± long grain	3298			8/1	8/11				+	T
	7-1-1	med gr. ± thick Brit. true ^{various}	3299	✓X		8/1	8/11	9/6	tall	st	±	T
		Blue Rose	3300			8/21						
	7-1-2	med gr. better type than 3299 Brit. true	3301	✓X		8/1	8/12	9/4	tall			
	7-2-1	good row gr. type prob. not fixed med gr.	3302	✓X		8/2	8/12	9/4	med			
	7-2-2	good row med gr.	3303	X		8/2	8/12	9/4			+	
	7-3-1	med. grain	3304			8/1	8/12	9/4			+	
	7-3-2	good row med gr.	3305	X		8/1	8/12	9/4			+	
	7-4-1	med gr. good row	3306	✓X		8/1	8/12	9/4			+	
	8-1-1		3307	✓		7/3	8/12	9/5			±	
	8-2-1		3308			8/3	8/12	9/5			+	
	8-3-1	± long gr. type	3309	X		8/2	8/12	9/5			+	
		Edith	3310			8/3	8/12	9/5				
	8-3-2		3311			8/2	8/12	9/5			+	
	8-3-3		3312			8/3	8/13	9/5			+	
	9-1-1	long grain type	3313	✓X		7/31	8/10	9/1				
	9-2-1	long + grain type	3314	X		7/2	8/12	9/3			+	
	9-5-1		3315			8/3	8/12	9/4			+	
	9-5-2		3316			7/3	8/12	9/4			+	
	9-5-3		3317			8/4	8/12	9/4			+	
	9-5-4		3318			8/2	8/12	9/4			+	
	9-6-1	long + grain type	3319	✓X		8/2	8/12	9/4			+	
		Blue Rose	3320			7/20					+	

X = out of row
L = desirable for seed

Uni = Uniform ht.
St = sturdy

				DATE PLANT EMERG. (50%)	% STAND	DATES				PLANT LODG.		LEAF SPOT	SHAP- TENDING	
						HEADING	RIPENING	HARV- ESTED	HT. (IN.)	ING %				
						1ST FULL	1ST FULL							
29/6A10-1-1	Edith x Blue Rose			3321		7/31	8/9		7/2			+	T	
10-2-1				3322		8/1	8/12		9/2			+		
10-2-2				3323		8/1	8/2		9/2			+		
10-3-1				3324		7/28	8/9		9/2			+		
10-4-1	good seed good grain type			3325	high maturity	7/28				big		+	T	
10-4-2	med. gr. type			3326	X	7/31	8/9		9/2			+	T	
11-1-1				3327		8/2	8/11		9/4			+	T	
11-2-1				3328		8/3	8/13		9/6			+		
12-1-1				3329		8/3	8/13		9/9			+	T	
	Edith			3330		8/2	8/11							
12-2-1	long grain type			3331	X	8/1	8/9		9/2		uni	+		
13-1-1	gr. type pub. arg. Medgr. good row			3332		8/2	8/12		9/6		st	+		
13-1-2	big grain type Medgr. good row			3333		8/1	8/12		9/6		st	+		
13-2-1				3334		7/31	8/9		9/2			+		
13-3-1	long grain good type gr.			3335		8/4	8/11		9/3			+	T	
13-3-2	long grain - good type gr.			3336		8/3	8/9		9/3		uni	+	T	
14-1-1	good row - long grain type			3337	X	8/4	8/13		9/6		± uni	st	+	
14-2-1	grain too flat.			3338		8/3	8/13		9/3			+	T	
15-1-1				3339		8/3	8/9		9/3			+		
	Blue Rose			3340		8/21								
15-2-1				3341		8/1	8/10		9/3			+		
15-3-1	long grain - good row			3342	X	8/3	8/10		9/3		uni	+	T	
16-1-1	med to long gr. only fair gr. type			3343	X	8/2	8/10		9/3		st	±		
17-1-1	med to long gr.			3344		8/2	8/12		9/3			+		
17-2-1	medium - long gr.			3345		8/1	8/12		9/3			+		
17-3-1	med. grain			3346	X	8/1	8/12		9/3			+		
17-4-1	med. gr.			3347		8/1	8/12		9/3			+		
17-5-1	med gr.			3348		7/31	8/12		9/1			+		
17-6-1	long gr.			3349		8/2	8/12		9/3			+		
	Edith			3350		8/4	8/12		9/4					
18-1-1	long grain good row grain too flat			3351		8/9	8/20		9/9		uni	st	+	
18-1-2	long grain			3352		8/12	8/20		9/10			+		
18-2-1	long grain gr. superior to 3351 + 2			3353	X	8/9	8/20		9/10			+	T	
19-1-1	med. gr. - powder too short			3354		8/2	8/12		9/4			+		
20-1-1				3355		8/2	8/12		9/4			+	T	
21-1-1				3356		7/31	8/9		9/2			+	T	
21-1-2				3357		8/1	8/12		9/3			+		
22-1-1				3358		8/1	8/12		9/3			+		
23-1-1	med row grain flat			3359	X	8/3	8/16		9/8			+	T	
	Blue Rose			3360		8/21								

				DATE PLANT EMERG. (50%)	STAND	DATES			PLANT LODG.		LEAF SPOT	SHADE TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		
2916A23-2-1	Edith x Blue Rose	med + long grain type	3361	golden legume color		8/9	8/16	9/9			+	
23-3-1	med-grain type		3362			8/1	8/12	9/3			+	
23-4-1	long grain type		3363			8/1	8/12	9/3			+	
23-4-2	long-grain type		3364			8/1	8/12	9/3			+	
23-4-3	long-grain - flat		3365			8/1	8/12	9/3			+ T	
23-5-1	med-grain		3366			8/1	8/12	9/3			+ T	
24-1-1	leg. gr. type mostly med-grain		3367			8/2	8/12	9/3			+	
25-1-1	leg. gr. type long + med grain		3368			8/1	8/12	9/3			+ T	
25-2-1	long-grain good row		3369	X		8/5	8/12	9/3	med-st.		+ T	
	Edith		3370			8/4	8/12	9/5				
25-2-2	long-grain - good row		3371	X		8/3	8/13	9/6	± tall	st.	+	
28-1-1			3372			8/3	8/12	9/4			+	
28-2-1			3373			8/2	8/12	9/4			+	
28-3-1	good row, leg. gr. type long + med-long gr.		3374			8/3	8/12	9/4			+	
28-4-1	med-long grain		3375			8/4	8/12	9/4			+	
28-4-2	med-grain, good row		3376	X		8/4	8/13	9/6	± tall	st.	+ T	
28-4-3	med to long-grain, good row		3377			8/3	8/13	9/5			+	
28-4-4	med to long grain, good row		3378	X	Rogue for good gr. from the seed	8/5	8/12	9/7	± tall	st.	+	
28-5-5	± long grain		3379	X		8/5	8/12	9/7			st.	+
	Blue Rose		3380			8/2						
29-1-1	long-grain	Uniq. gr. type	3381			7/31	8/12	9/5			± wks	+
29-2-1	med to long-	" " "	3382			8/1	8/12	9/5			± wks	+
30-1-1	long-grain type	Br. true	3383			7/31	8/9	9/1			+	
30-2-1	long-grain	Br. true	3384			8/1	8/14	9/6			+ T	
30-3-1	med. gr.	Br. true	3385			7/31	8/12	9/5			+ T	
31-1-1	" "	" "	3386			8/2	8/12	9/5			+ T	
31-1-2	long-grain	" "	3387			7/5	8/12	9/5			+	
31-2-1	long grain		3388			8/1	8/12	9/5			+ T	
31-3-1	± long-grain		3389			8/2	8/12	9/5			+	
	Edith		3390			8/4	8/12	9/5				
31-3-2	long grain		3391			8/2	8/12	9/5			+	
31-4-1	Long grain + med gr. types		3392			8/3	8/15	9/6	tall		+	
31-5-1	med to long-grain types (long)		3393			8/1	8/13	9/5			+	
31-5-2	med to long grain, Br. true		3394	X		8/1	8/13	9/5			+ T	
32-1-1	med to long grain type		3395			8/2	8/13	9/5			+	
32-2-1	± long-grain type		3396			8/3	8/13	9/5			+	
32-3-1	med to long grain - flat	short pinnate Br. true	3397			8/3	8/13	9/5	Uniq.		+	
32-3-2	med and long (leaf)		3398			8/3	8/13	9/5			+	
33-1-1	med-grain	Br. true	3399			8/3	8/13	9/5			+	
	Blue Rose		3400			8/2						

M = medium grain
L = long grain

			DATE PLANT EMERG. (80%)	% STAND	DATES			PLANT LODG.		LEAF SPOT	SHAT- TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		
29/6A33-2-1	Edith x Blue Rose	med grain Br. true	3401	X	8/1	8/12	9/5			+	
33-3-1	Med-grain	Br. true	3402		8/5	8/13	9/6			+ T	
33-5-1	Med grain prob. seg for grain length		3403		8/6	8/13	9/6			+ T	
33-5-2	Med-grain Br. true		3404		8/3	8/12	9/5			+ T	
34-1-1	" " " "		3405		8/4	8/11	9/5			+	
34-2-1	Long + grain Br. true		3406		8/1	8/11	9/5			+ T	
34-3-1	good row gr. length prob. not fixed + long gr.		3407		8/6	8/13	9/6			+ T	
34-3-2	long grain - Br. true		3408		8/6	8/14	9/7			+	
34-3-3	Med + long gr. (leg.) good row		3409		8/7	8/13	9/6			+	
	Edith		3410		8/7	8/13	9/6				
34-3-4	gr. type prob. not fixed (good row)		3411		8/10	8/13	9/6			+	
35-1-1	med gr. later than Bl. Rose		3412							+	
37-1-1	Long-grain Br. true		3413		8/9	8/14				+ T	
37-2-1	long gr. Br. true, later than Bl. Rose		3414							+	
37-3-1	" " " "		3415							+	
39-1-1	" " " "		3416							+	
39-3-1	long gr.		3417		8/6		leg			+	
39-3-2	long gr.		3418		8/2		leg			+ T	
40-1-1	+ long gr. later than Bl. Rose		3419							+	
	Blue Rose		3420		8/20		leg				
40-2-1			3421		8/9		leg			+ T	
41-1-1			3422	✓	8/3		leg			±	
41-3-1			3423		8/2		leg			+	
41-5-1	good multi gr. type prob. not fixed		3424		8/22				± tall	+	
29/7A1-1-1	Blue Rose x Carolina Gold	M-grain Br. true	3425		8/9	8/16	9/10			+	
1-2-1	th. gr. med. legume color		3426		8/3	8/12	9/5			+ T	
1-3-1	M-gr. legume color		3427		7/31	8/12	9/5			+ T	
1-4-1	gr. length prob. not fixed		3428		8/6	8/12	9/5			+	
1-4-2	M-gr		3429	X	8/5	8/12	9/5			+	
	Carolina Gold		3430		8/11	8/20	9/8				
1-6-2	M-gr. gold flower		3431		8/8	8/15	9/8			+ T	
2-1-1	L-gr (good type) legume color		3432		8/7	8/16	9/9			+ T	
2-2-1	M-grain legume color		3433		8/7	8/17	9/9			+ T	
2-2-2	M-grain		3434		8/7		leg			+	
3-2-1	M-grain (leg color)		3435		8/1	8/15	9/6			+ T	
3-3-1	L-grain		3436	X	8/9	8/21	9/10			+ T	
3-4-1	M-L-gr (gold flower)		3437	X	8/9	8/19	9/10			+	
4-1-1	M-grain (gold flower)		3438		8/7	8/15	9/10			+ T	
5-2-1	L-grain (white flower)		3439		8/7	8/17	9/9			+ T	
	Blue Rose		3440		8/22						

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAFT TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
2917A5-2-2	Blue Rose x Carolina Gold	M-h grain	3441	X		8/6	8/18	9/7			+	
6-2-1	M-grain good seed		3442	big glume color		8/5	8/17	9/7			+ T	
6-3-1	M-grain		3443	big glume color		8/5	8/16	9/7			+ T	
6-4-1	M-grain		3444			8/3	8/16	9/7			+ T	
6-5-1	M and h grain types		3445	big gl. color.		8/6		big			+ T	
6-6-1	± h grain ± good seed		3446			8/2	8/16	9/7			+ T	
6-7-1	h grain		3447			8/2	8/15	9/7			+	
8-1-1	h type not fixed mostly h grain		3448			8/6	8/16	9/7			+ T	
8-2-1	± h gr.		3449			8/7	8/19	9/7	uni tall		+ T	
	Carolina Gold		3450			8/9	8/20	9/8				
8-3-1	± h grain ± broad grain good vigor		3451			8/11	8/22	9/11			+	
8-4-1	h grain ± flat grain		3452			8/9	8/22	9/11			+ T	
9-1-1			3453			7/24		big			+ T	
9-3-1	good med gr. types		3454			8/2		big			+ T	
9-4-1	M-L gr.		3455			8/4	8/16	9/8			+	
9-5-1	M + h gr. types (big) (gold glumes)		3456			8/3	8/12	9/6			+ T	
9-6-1	M - h grain		3457			7/31		big			+ T	
10-2-1	± h grain		3458			8/12			Edh		+ T	
10-2-2	h grain		3459			8/7		big			+ T	
	Blue Rose		3460			8/20						
11-1-1	± h grain (gold gl.)		3461			8/7	8/17	9/8			+ T	
11-2-1	± h grain (gold gl.)		3462			8/9	8/18	9/8			+ T	
11-3-1	" " "		3463			8/9	8/18	9/8			+ T	
11-4-1	" " "		3464			8/15	8/21	9/8			+ T	
11-5-1	" " " (with gl. plant)		3465			8/13	8/21	9/8			+ T	
12-1-1	M-L gr.		3466			8/4	8/13	9/8			+ T	
12-2-1	"		3467			7/31		big			+	
12-3-1	M-L gr.		3468			8/5	8/15	9/8			+	
12-3-2	M - h grain		3469			8/6	8/14	9/8			+ T	
	Carolina Gold		3470			8/10	8/21	9/10				
12-3-3	big glume color ± long grain		3471			8/8	8/20	9/8			+ T	
14-1-1	± long grain (m-h gr.)		3472			7/31	8/10	9/1			+	
15-1-1	± long grain ± good seed		3473			8/11	8/21	9/8			+ T	
15-2-1			3474			7/31		big			+	
15-3-1			3475			8/6		big			+	
15-4-1			3476			8/9		big			+	
15-5-1			3477			8/3		big			+ T	
15-6-1	short panicle ± long grain		3478			8/4	8/15		uni		+ T	
15-8-1	short panicle ± long grain		3479			8/5	8/13		uni		+ T	
	Blue Rose		3480			8/21						

			DATE PLANT EMERG. (80%)	STAND	DATES			PLANT HT. (IN.)	LODG. ING %	LEAF SPOT	SHADE TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
2917A19-1-1	Blue Rose x Carolina Gold	good head & long grain	3481		8/3		leg			+T	
19-4-1	Med-grain		3482		8/26 9/5					+T	
19-5-1	good row; h-grain; Br. time; gold glume		3483	X	8/23 9/1	9/10			(lt+)	+	
19-6-1			3484		8/11		leg			+T	
21-3-1			3485		8/11		leg			+T	
21-4-1	th-grain; gold gl;		3486		8/5 8/13		9/5			+T	
21-5-1	h-grain; gold gl;		3487		8/11		leg			+T	
22-2-1	h-grain; leg color; good row.		3488		8/2 8/15		9/5			+	
22-2-2	th-grain; gold glume; + good row.	leg color	3489		8/7		leg			+	
	Carolina Gold		3490		8/11 8/21						
22-3-1	h-grain; gold glume; + good row		3491		8/6		leg			+	
23-1-1	M+h-grain types (W. glume)		3492		7/31		leg			+T	
23-2-1	h-grain; good row		3493		8/6 8/15		9/6	± tall		+T	
24-1-1	M-grain; gold gl + good row.		3494		8/9 8/20		9/8	Uni		+T	
24-2-1	M-h grain " " Br. time		3495		8/12 8/20		9/9			+T	
26-1-1	h-grain; (whgl) Br. time		3496		8/11 8/20		9/9			+T	
26-1-2			3497		8/10		leg			+	
26-2-1			3498		8/10		leg			+T	
26-3-1			3499		8/16		leg			+	
	Blue Rose		3500		8/21						
26-3-2			3501		8/9		leg			+	
27-1-1			3502		8/9		leg			+	
27-1-2	M-grain; Br. time good row		3503	X	8/9 8/17		9/9			+T	
27-2-1			3504		8/8		leg			+T	
27-3-1			3505		8/30 9/7					+T	
27-4-1	h-grain; (good row) Br. time		3506		8/6		leg			+T	
27-5-1	h-grain; ± good		3507		8/25 9/6					+T	
27-6-1			3508		8/9		leg			+T	
27-7-1			3509		8/7		leg			+T	
	Carolina Gold		3510		8/15 8/21						
27-8-1			3511		8/6		leg			+T	
27-9-1	± h-grain whgl Br. time		3512		8/23 9/1					+T	
27-9-2	± h-grain " " Br. time		3513		8/23 9/1					+T	
27-10-1	± h-grain " " Br. time (good row)		3514	X	8/23 9/1					+T	
27-10-2	M-h grain gold gl Br. time good row		3515	X	8/23 9/1					+T	
28-1-1			3516		8/5		leg			+	
28-1-2			3517		8/6		leg			+T	
28-2-1			3518		8/4		leg			+T	
29-2-1			3519		8/4 8/13		9/6			+T	
	Blue Rose		3520		8/20 8/30						

				DATE PLANT EMERG. (50%)	STAND	DATES			PLANT LODG.		LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV. ESTED	HT. (IN.)	ING %		
2917A29-2-2	Blue Rose x Carolina Gold	M-h grain leg glume color	3521			8/5	8/15	9/8			T	
29-3-1	h-grain; gold glume color		3522			8/7	8/15	9/8			+ F	
29-4-1	M-grain; leg glume color q. type fixed		3523			8/6	8/16	9/8			+ F	
29-5-1	h-grain; leg glume color " " "		3524			8/5	8/13	9/8			+ F	
29-6-1	h-grain; (whgl.) Br. true gold color		3525	X		8/8	8/16	9/8	stall	ht	+ T	
29-7-1	h-grain (leg gl color) q. type fixed		3526			8/5	8/16	9/8			+ F	
29-7-2	M-h grain type		3527			8/2		leg			+ T	
29-8-1			3528		leg glume color	8/2	8/17		uni		+ T	
30-1-1	M-grain Br. true type Br. true		3529	X		8/20	9/20		uni	st	+ T	
	Carolina Gold		3530			8/11	8/22					
30-1-2	M-h grain type; leg gl. color		3531			8/21	9/30		uni	st	+ T	
2918A1-1-1	Blue Rose x Delitus Br. true		3532			8/1	8/13	9/1			+ T	
1-2-1	M-h grain Br. true		3533			8/5	8/17	9/8			+ T	
1-3-1		Br. true	3534			8/4	8/20	9/8			+ T	
2-1-1		Br. true	3535			8/6	8/17	9/8			+ T	
2-2-1		" "	3536			8/4	8/17	9/8			+ T	
2-3-1		" "	3537			8/11	8/19	9/9			+ T	
2-4-1		" "	3538			8/7	8/18	9/8			+ T	
2-5-1		" "	3539			8/31	9/17	9/8			+ T	
	Blue Rose		3540			8/21						
3-2-1		Br. true	3541			8/12	8/21	9/10			+ T	
3-3-1		" "	3542			8/7	8/17	9/7			+ T	
3-4-1		" "	3543			8/11	8/19	9/8			+ T	
4-1-1		" "	3544	X		8/11	8/22	9/8			+ T	
5-1-1			3545			8/11	8/21	9/10			+ T	
5-2-1			3546			8/7	8/19	9/9			+ T	
5-3-1			3547			8/8	8/19	9/8			+ T	
5-3-2	M-h grain (whgl.)		3548			8/21	9/30		uni	st	+ T	
6-1-1	leg gl color		3549			8/10	8/20	9/10			+ T	
	Delitus		3550			8/11	8/21	9/8				
6-2-1	M-grain (whgl.)		3551	X		8/10	8/21	9/8			+ T	
6-3-1			3552			8/12	8/20	9/8			+ T	
6-4-1			3553			8/26		leg			+ T	
6-4-2	M-grain (whgl.)		3554	X		8/13	8/22				+ T	
6-4-3	M-grain (whgl.)		3555	X		8/12	8/22				+ T	
7-2-1	h-grain (gold gl)		3556			8/8	8/16				+ T	
7-3-1	h-grain (" ")		3557			8/30	8/14				+ T	
7-4-1	h-grain (whgl.)		3558			8/31	8/14				+ T	
7-5-1	h-grain (gold gl)		3559			8/12	8/20				+ T	
	Blue Rose		3560			8/21						

				DATE PLANT EMERG. (50%)	% STAND	DATES		PLANT LODG. HT. (IN.)	ING %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL				
2918A7-6-1	Blue Rose X Delitus	3561	by glume color	8/7	8/19					+ T	
8-1-1	L-grain (gold gl)	3562		8/9	8/19					+	
8-2-1	L+grain (gold gl)	3563		8/11	8/19					+ T	
8-3-1	L-grain (gold gl) good row	3564		8/11	8/20					+ T	
9-1-1	M+grain (red gl) good row	3565	X	8/9	8/19					+ T	
9-3-1	L+glume color	3566		8/1	8/18			Leg		+ T	
9-3-2	Row row	3567		8/3	8/14					+ T	
9-4-1	L-grain	3568		8/10	8/20			Err		+ T	
10-1-1	Row row	3569		8/5				Leg		+ T	
	Delitus	3570		8/13	8/22		9/11				
10-3-1		3571		7/31		8/21	Leg			± Lt +	
11-1-1		3572		7/31		8/22	Leg			± Lt +	
11-2-1	L-grain good grain types	3573		8/13	8/31					Uni Lt +	
11-2-2	M-grain yellow glume tall thin good row	3574	X	8/16	8/27					Uni Lt +	
12-1-1	M+grain good grain types	3575		8/1				Leg		++	
13-2-1	M+grain Br. time	3576		8/11	8/21		9/12			Tall (± uni) ++	
16-1-1	M-grain	3577		7/30	8/9	8/23	9/1			Short ++	
17-2-1	M-grain	3578		8/13	8/26					stall +	
17-4-1	M+grain good row	3579		8/5	8/18		9/8			+	
	Blue Rose	3580		8/21	8/28						
18-1-1	M-grain (gold gl)	3581		8/16	8/26						
18-2-1	M-grain (gold gl)	3582		8/12	8/23						
18-3-1	M-grain (red gl) Excellent grain types	3583		8/9	9/1			Leg		Lt +	
18-3-2	M-grain	3584		8/16	8/27					+	
18-4-1	M-grain	3585		8/12	8/22					++ T	
20-1-1	M-grain excellent grain types	3586		8/3				Leg		Lt +	
20-2-1	M-grain (leg gl) Excellent grain types	3587		8/19	8/30					Lt +	
20-3-1	M-grain	3588		8/3				Leg		Lt +	
20-4-1	M-grain (gold gl)	3589		8/1		8/22	Leg			Lt +	
	Delitus	3590		8/12	8/21		9/9			Lt +	
20-5-1	M-grain (red gl) Excellent grain types	3591		8/6				Leg		Lt +	
20-6-1	M-grain (red gl) " " types	3592		8/23	9/2					Lt ++	
20-7-1	M-grain (red gl) " " types	3593		8/8				Leg		Lt +	
20-8-1	" " (red gl) " " "	3594		8/1				Leg		Lt +	
20-9-1	" " (red gl) " " "	3595		8/11				Leg		Lt ++	
21-1-1	M-grain (red gl)	3596		7/31				Leg		++ T	
21-2-1	M-grain (red gl) good grain types	3597		8/1				Leg		++ T	
21-3-1	M-grain	3598		8/1				Leg		+	
22-3-1	Blue Rose	3599		8/11	8/21					+	
	Blue Rose	3600		8/21						++	

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHATH- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
29/8A23-1-1	Blue Rose x Delitus	M-L gr.		3601		8/9		big			+	
23-2-1	(M-L grain good type)			3602		7/30		big			+	
23-4-1	M-gr.			3603		8/4		big			++	
24-1-1	M-gr.	good gr. type		3604		8/1		big		±	++	
25-1-1	M-L gr.			3605		8/8		big			++	
25-2-1	L-gr.			3606		7/31		big	tall		++	
26-1-1	M+L gr.			3607		8/1		big	tall		+	
26-2-1	L-grain			3608		8/22 9/1			tall		+	
26-3-1	L-grain			3609		8/8		big	tall		+	
	Delitus			3610		8/3 8/22						
27-2-1	M-L grain	good grain type		3611		8/1		big			++	
27-2-2	M-L grain			3612		7/30		big			++	
27-3-1	M-grain	good grain type		3613	X	8/22 9/1			tall fair		++	
28-1-1	M-L grain			3614		8/10 8/21			± short		+	
29-1-1	M-grain	good grain type		3615	X	8/22 9/1		9/15	tall fair		+	
29-2-1	M-L grain	poor row		3616		8/1 9/10		7/2			+	
30-1-1	M-L grain	Type poor not fixed		3617		8/10 8/23		big			++ T++	
31-1-1	M-S-grain			3618		8/3		big			+	
31-2-1	M-grain			3619		8/3		big			+	
	Blue Rose			3620		8/20					++	
31-3-1	M-gr.			3621		7/27		big		ok	+	T
34-1-1	M+L gr.	± good row		3622		8/13 8/23		big			+	
35-1-1	± L-gr. (degrd)			3623		8/10 8/21				ok	+	
36-1-1	L-grain (whgt)			3624	X	8/12 8/22		7/12		±	+	
36-1-2	L-gr. (whgt) gr. slightly shorter		3624	3625		8/1 8/17		big		±	+	
36-2-1	M+L grain type			3626		8/1		big			+	
36-3-1	L-grain			3627		8/13					+	
36-4-1	L-grain			3628	✓	8/12 8/22		big			±	
37-2-1	M-L grain type parent fixed			3629	✓	8/12 8/22		7/12			± T	
	Delitus			3630		8/12 8/21						
37-3-1	L-grain			3631		8/10 8/21		7/10			++	
29/9A1-1-1	Honduras x Blue Rose	M-L gr.		3632		8/9 8/17		7/9			+	
1-2-1	M-L grain			3633		8/3 8/17		7/9			+	
3-2-1	M-L grain	good row		3634	X	8/13 8/20		7/10		lt	+	
3-3-1	L-gr.			3635		8/10 8/17		7/10			++	
4-1-1	M-S-gr.			3636		7/30 8/1		big			+	
6-1-1	good L-grain	long canicle		3637		7/8 8/17		8/9			+	
6-2-1	M-gr.			3638		8/6 8/1		big			+	
6-3-1	M+M-S-gr.			3639		7/28 8/1		big			+	
	Blue Rose			3640		8/21						

2919A6 good family

				DATE PLANT EMERG. (80%)	STAND	DATES			PLANT LODG.		LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		
2919A6-5-1	Nonduras x Blue Rose ^{h-grain}	3641	X			8/9	8/21	9/12	stall		+	
6-6-1	M-h grain	3642				8/8	8/20	9/10			+ T	
6-7-1	(h-gr. good)	3643				8/6	8/18	9/10			+ T	
7-2-1	M-gr	3644				8/8	8/20	9/10	stall		+	
7-3-1	h-gr	3645				8/8	8/18	9/10			+	
7-4-1	h-gr	3646				8/7	8/19	9/10			+	
8-1-1	M-h grain	3647				8/9	8/19	9/10			+	
8-2-1	M-grain (good type)	3648	✓ X			8/9	8/19	9/10			± T	
8-3-1	M-h grain	3649				8/9	8/20	9/10			+	
	Honduras	3650				8/11	8/21	9/9				
8-4-1	M-gr	3651				8/8	8/19	9/10			+	
8-4-2	M-gr	3652				8/9	8/19	9/10			+ T	
9-1-1	M-gr, purple apex	3653				7/30		Aug			++ T	
9-2-1	M-gr ± flat	3654				8/9	8/20	9/10			+	
10-2-1	M-h gr.	3655				8/3		Aug			+	
11-1-1	M-gr ± flat	3656	X			8/12	8/22	9/10			+	
11-2-1	M-gr	3657				8/7	8/17	9/10			+	
12-1-1	± h grain	3658	X			8/11	8/22	9/12			+	
12-1-2	M-h grain	3659				8/9	8/20	9/10			++ T	
	Blue Rose	3660				8/21	+					
12-2-1	h grain	3661				8/4	8/19	Aug			+	
12-3-1	M-h grain	3662				8/1	8/16	9/8			++	
12-5-1	M-h grain one late plant	3663				8/5	8/16	9/8			++	
12-6-1	M-h grain good row	3664	X			8/6	8/16	9/8	stall		++	
13-1-1	deg row some good M-gr. types	3665				8/1		Aug			+	
13-2-1	h-gr. type prob. not fixed	3666				8/5	8/17	9/8			+	
13-3-1	M-h gr.	3667				8/6	Aug	Aug			+	
13-4-1	M-h gr.	3668				8/5	8/17	9/10			+	
13-5-1	M-h grain	3669	X			8/9	8/21	9/12			+ T	
	Honduras	3670				8/10	8/21	9/10				
13-6-1	± L-grain	3671				8/10	8/21	9/10			+	
14-1-1	h grain	3672				8/9	8/20	9/10			+	
15-1-1	h-grain	3673				8/11	8/19	9/10			+	
15-3-1	h grain	3674				8/9	8/16	9/8			+ T+	
16-1-1	h-grain	3675				8/2	8/16	9/8			+ T+	
16-2-1	M-h grain	3676				8/9	8/20	9/10			+ T+	
16-3-1	M-h grain types	3677				8/9	8/20	9/10			+	
16-4-1	M-grain	3678	X			8/10	8/21	9/10			+	
16-5-1	M-grain	3679				8/9	8/18	9/10	stall		+	
	Blue Rise	3680				8/21						

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT LODG		LEAF SPOT	SHATT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		
29/19A16-7-1	Honduras x Blue Rose	h-grain	3681			8/10	8/23	9/11	1		+	
18-1-1	M-grain		3682			8/4	8/21	8/21			+	
18-2-1	M-grain		3683			8/10	8/22	9/10			++	
19-1-1	h-grain, good row good row		3684	X		8/16	8/26	9/16	Uni	st	+	
19-2-1			3685			8/3	8/21	8/21			+	
19-3-1			3686			8/5	8/21	8/21			+	
19-3-2			3687			8/23	8/21	8/21			+	
19-4-1	M-gr.	good row	3688	✓		8/5	8/21	9/10			±	
19-5-1	h-grain		3689			8/13	8/21	9/10			++	T
	Honduras		3690			8/11	8/21	9/9			+	
19-5-2			3691			8/2	8/21	8/21			+	
19-6-1	M-grain, 8/21 8/21		3692	✓		8/4	8/19	9/8			±	
20-2-1	M-h grain		3693			8/5	8/17	9/8			++	T
20-3-1	M-h grain		3694			8/5	8/17	9/8			+	
21-1-1	M-h grain		3695			8/6	8/16	9/8			+	
21-2-1	M-grain		3696			8/7	8/21	8/21			++	
21-3-1	M-grain		3697			8/9	8/21	9/10			+	
21-4-1	M-h grain		3698			8/2	8/18	9/8			+	
21-5-1	h-grain		3699			8/6	8/17	9/8			++	
	Blue Rose		3700			8/21						
22-1-1	M-h grain	good row	3701			8/10	8/20	9/11			+	
22-2-1	M-grain		3702			8/6	8/16	9/8			+	T
22-2-2	M-h grain		3703			8/9	8/21	8/21			+	
22-3-1	M-h grain	good row	3704			8/10	8/21	9/10			+	
22-4-1	M-h grain	good row	3705			8/8	8/20	9/10			+	
22-5-1	M-grain		3706			8/5	8/14	9/8			+	
22-6-1	h-grain	good row	3707			8/13	8/22	9/10			++	T
23-1-1	M-h grain		3708			8/13	8/22	9/10			++	T
23-2-1	M-h grain		3709	✓	freely	8/5	8/21	8/21			±	
	Honduras		3710			8/11	8/22					
23-3-1	M-h gr		3711			8/11	8/22	9/10			++	T
23-4-1	M-h gr		3712			8/12	8/22	9/10			+	
23-5-1	M-grain		3713	✓		8/31	8/21	8/21			±	
23-7-1	M-grain	good row	3714			8/13	8/22	9/10			++	T
24-1-1	M-h grain		3715			8/9	8/21	8/21			++	
24-2-1			3716			8/19	8/21	8/21			++	
26-1-1	M-h grain		3717			8/2	8/14				++	
27-2-1			3718								++	
27-3-1			3719								+	
	Blue Rose		3720			8/22						

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LOGG- ING %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
29/9A27-3-2	Honduras x Blue Rose			3721							+	
29-1-1	L-grain	Br. true		3722		8/6	8/15	9/8			+	
29-2-1	L-grain	Br. true		3723		8/2	8/12	9/8			+	
29-2-2				3724		8/6	leg				++	
29-3-1	M-gr	good row		3725	X	8/8	8/20	9/10			++	
29-3-2	Br. true	good row		3726		8/30	9/7				+ T	
30-1-1	M-L gr	Br. true		3727		8/8	8/20	9/10			++	
30-2-1	M-L gr	Br. true		3728	X	8/9	8/19	9/10			++	
30-4-1	M-gr	Br. true		3729		8/9	8/17	9/8			+	
	Honduras			3730		8/13	8/22					
30-5-1				3731		8/13	leg				+	
30-6-1	L-gr	good row		3732		8/11	8/22	9/10			+	
30-7-1	M+L grain types			3733		8/9	8/22	9/10			+ T	
30-8-1	L-grain			3734		8/10	8/22	9/10			+	
34-1-1	M-gr	good row		3735		8/10	8/22	9/10			+ T	
34-3-1	leg row same colour as (M-gr)			3736	✓ good	8/2	leg				±	
34-4-1	M-L gr			3737		8/10	8/20				+	
2920A1-1-1	Improved Blue Rose x Fortuna			3738		8/14					+	
1-2-1				3739		8/16					+ T	
	Imp. Blue Rose			3740								
1-3-1				3741		8/2	8/15	9/8			+	
1-4-1				3742		8/4	8/17	9/7			+	
1-5-1				3743		8/6	8/15	9/4			+	
1-6-1				3744		8/3	8/14				+	
1-7-1				3745		8/15	8/25				+	
1-8-1				3746		8/24	9/1				+	
1-10-1				3747		8/10	8/21	9/6			+	
2-1-1				3748		8/9	8/20	9/8			+	
2-3-1				3749	X	8/10	8/18	9/7	9/9	46 uni	+	
	Fortuna			3750			9/5					
3-1-1				3751		8/7	8/21	9/8			+	
3-2-1				3752	X	8/4	8/14	9/6	9/9	49	+	
3-3-1				3753		8/1	leg				+	
3-4-1				3754		8/7	leg				+	
4-1-1				3755		8/4	8/14			2w.	-	
4-3-1				3756		8/17	8/27				+	
5-1-1				3757		8/6	8/14	9/7			+	
5-4-1				3758		8/4	8/14	9/6		univ	+	
5-6-1				3759		8/3	8/14	9/7			+	
	Improved Blue Rose			3760		8/3	8/31					

DATE PLANT EMERG. (50%)	% STAND		DATES				PLANT LODG		LEAF SPOT	SHATT TERING
			HEADING 1ST FULL	RIPENING		HARV- ESTED	HT. (IN.)	ING %		
				1ST	FULL					
2920A5-8-1		Imp. Blue Rose x Fortuna	3761	8/5	8/16	9/7				
5-10-1			3762	8/4	8/18					
5-11-1			3763	8/3	8/17					
6-1-1			3764	8/2	8/13	9/4				
6-4-1			3765	8/4	8/14					
6-6-1			3766	8/23	9/6					
7-1-1			3767	8/15	9/26					
7-2-1			3768	8/4	8/11	9/4				
7-3-1			3769	8/4	8/12	9/4				
		Fortuna	3770		9/4					
7-3-2			3771	8/1	8/14					
8-1-1			3772	8/17	9/27					
8-1-2			3773	8/19	9/29					
8-3-1			3774	8/5						
8-4-1			3775	8/7	8/17					
9-1-1			3776	8/17	9/28					
9-1-2			3777	8/16	9/26					
9-2-1			3778	8/16	9/30					
9-3-1			3779	8/12	8/23					
		Improved Blue Rose	3780		9/31					
9-4-1			3781	8/13	8/23					
9-5-1			3782	8/12	8/22					
9-6-1			3783	8/17	9/28					
9-8-1			3784	8/17	9/26					
9-9-1			3785	8/17	9/26					
9-10-1			3786	8/11	8/21					
9-11-1			3787	8/19	9/28					
9-13-1			3788	8/16	8/26					
9-13-2			3789	8/17	9/28					
		Fortuna	3790		9/5					
10-2-1			3791	7/28	8/14					
10-3-1			3792	8/5	8/14					
10-4-1			3793	8/22	9/3					
11-1-1			3794	8/10	8/21					
11-2-1			3795	8/10	8/21					
11-4-1			3796	8/17	8/30					
11-5-1			3797	8/3	8/12					
11-7-1			3798	8/4	8/11	9/5	7/8	46		
11-9-1			3799	8/3	8/14					
		Improved Blue Rose	3800							

					DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
							HEADING	RIPENING	HARV- ESTED				
							1ST FULL	1ST FULL					
2920A12-1-1	Imp. Blue Rose x Fortuna	3801					8/22	9/2				++	
12-2-1		3802					8/16	9/26				++	
12-4-1		3803	X				8/4	8/11	9/4	9/8	47	++	
12-5-1		3804	X				8/5	8/12	9/4	9/8	47	++	
12-7-1		3805					8/10	9/23				++	
12-8-1		3806					8/19	9/29				++	
12-9-1		3807					8/21	9/31				++	
12-10-1		3808					8/16	9/26				++	
13-2-1		3809					8/6	8/18	9/4			+	
	Fortuna	3810					8/23	9/4					
13-2-2		3811					8/2	Seg	Seg			+	
13-3-1		3812					8/20	9/30				+	
13-4-1		3813					8/1	8/13	9/2			+	
13-5-1		3814					8/12	8/21				+	
13-5-2		3815					8/3	8/16	9/4			+	
14-1-1		3816					8/5	8/14	9/5			+	
14-2-1		3817					8/4	8/13	9/5			+	
14-3-1		3818					8/5	8/13	9/5			+	
14-4-1		3819					8/4	8/13	9/5			+	
	Improved Blue Rose	3820				seg. glume color							
15-1-1		3821					8/10	8/20				+	
16-1-1		3822					8/12	8/22				+	
16-2-1		3823					8/13	9/24				+	
17-1-1		3824					8/13	8/11	9/5			+	
17-3-1		3825					7/30	Seg				++	
18-1-1		3826					8/10	9/20	9/8			++	
18-2-1		3827					8/13	9/23				+	
19-2-1		3828					8/13					+	
19-3-1		3829				✓ cut	9/6					+	
	Fortuna	3830					9/21	9/4					
19-3-2		3831					8/13		Seg			+	
19-4-1		3832										+	
19-4-2		3833					9/7					+	
19-5-1		3834					8/4		Seg			+	
19-5-2		3835					9/7					+	
19-5-3		3836					9/6					+	
20-1-1		3837					9/6					+	
20-1-2		3838					8/16		Seg			+	
20-2-1		3839					8/4		Seg			+	
	Improved Blue Rose	3840											

				DATE PLANT EMERG. (50%)	% STAND	DATES		PLANT LODG.		LEAF SPOT	SHADE TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HT. (IN.)	ING %		
2920A20-3-1	Imp. Blue Rose x Fortuna	3841				9/1					
21-1-1		3842				9/7					
21-2-1		3843				8/13		leg			
21-3-1		3844				8/13		leg			
22-1-1		3845				8/4		leg			
22-2-1		3846				7/29		leg			
22-3-1		3847				8/6		leg			
22-3-2		3848				8/5		leg			
22-4-1		3849				8/6		leg			
	Fortuna	3850				8/21	9/3				
22-5-1		3851				8/8		leg			
23-1-1		3852	X			8/4	8/14	7/6	9/10	✓	52
23-1-2		3853				8/4		leg			
23-2-1		3854				8/2		leg			
23-3-1		3855				8/3		leg			
23-3-2		3856				8/2	8/4	9/4			
23-5-1		3857				8/5	8/12	9/5			
23-6-1		3858				8/4	8/11	9/5			
23-6-2		3859	✓			8/5		leg			
	Improved Blue Rose	3860					9/2				
24-1-1		3861				9/6					
24-1-2		3862				9/4					
24-1-3		3863				9/5					
24-2-1		3864				9/8					
24-2-2		3865				9/2	9/8				
25-1-1		3866				8/17	8/27				
25-1-2		3867				8/16	8/26				
25-3-1		3868	X			8/8	8/14	9/4	9/8	✓	44
25-4-1		3869				8/9		leg			
	Fortuna	3870				8/21	9/3				
25-4-2		3871				8/7	8/17	9/6			
25-5-1		3872				8/17	8/27				
25-5-2		3873				8/6		leg			
25-6-1		3874				8/4	8/13	9/5			
26-1-1		3875				8/5		leg			
26-3-1		3876				8/6		leg			
26-4-1		3877				8/3		leg			
26-5-1		3878				8/4		leg			
26-7-1		3879				8/3		leg			
	Improved Blue Rose	3880				9/1					

					DATE PLANT EMERG. (1954)	% STAND	DATES			PLANT HT. (IN.)	LOG- ING %	LEAF SPOT	SHAP- TURNING
							HEARING 1ST FULL	RIPENING 1ST FULL	MATURE ESTIM.				
2920A26-8-1	Imp. Blue Rose x Fortuna				3881		8/3	leg					
27-1-1					3882		8/10	8/17	9/5				
27-1-2					3883		8/11	8/18	9/6				
27-2-1					3884		8/2	8/11	9/3				
28-1-1					3885		8/4	8/12	9/4				
29-2-1					3886	XX	8/13	8/23	9/9	9/9	1/5	lt	
29-3-1					3887		8/12	8/22	9/8				
31-1-1					3888		8/6	8/17	9/7				
31-1-2					3889		8/5	8/17	9/7				
	Fortuna				3890		8/21	9/1					
32-2-1					3891		8/4	8/14	9/4				
32-3-1					3892		8/5	8/14	9/4				
34-1-1					3893		8/30	9/5					
34-2-1					3894		8/30	9/5					
34-2-2					3895		8/30	9/5					
34-3-1					3896		8/26	9/1					
34-4-1					3897		8/30	9/5					
35-1-1					3898								WT+
35-2-1					3899		9/1	9/7					
	Improved Blue Rose				3900		8/23	9/1					
36-1-1					3901		8/8		leg				
36-1-2					3902		9/5						
36-2-1					3903		8/21	8/31					
37-3-1					3904		8/9	8/20	9/7				
37-5-1					3905		8/29	9/5					
38-1-1					3906		8/5	leg					
38-2-1					3907		8/4	leg					
38-3-1					3908		8/3	8/16			± tall	± wkb	
38-3-2					3909	leg. length	8/10	8/23			± lt		
	Fortuna				3910			9/2					
38-4-1					3911		8/5	leg					
39-1-1	U. good. BP. type				3912	mod. panel selections	8/6	8/18	9/7	del. mod. 9/8	lt		
40-1-1					3913		8/21	9/1					
41-1-1					3914		8/10	8/17	9/9				
41-1-2					3915		8/6	8/15	9/7				
41-2-1					3916		8/5	8/14	9/7				
41-3-1					3917		8/5	8/14	9/7				
42-1-1					3918		8/22	9/31					
43-2-1					3919	leg. glume color	8/5	8/15	9/7				
Imp. Blue Rose					3920			9/31					

			DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
2920A	43-2-2	Imp Blue Rose x Fortuna	3921		8/9						
	43-3-1		3922		8/8						
	45-3-1		3923								
	46-1-1		3924		8/11						
	46-2-1		3925								
	46-3-1		3926								
	46-3-2		3927								
	46-3-3		3928								
	47-1-1		3929								
		Fortuna	3930								
	47-2-1		3931		8/21					+	
	47-3-1		3932		8/21					+	
	47-4-1		3933							+	
	48-1-1		3934							+	
	48-2-1		3935		8/17					+	
	49-1-1		3936							+	
	49-2-1		3937							+	
2420A	Bulk (1932)-1		3938		8/3	8/13				+	
312A	1-1	T. Fortuna x Early Prolific	3939		8/13	8/17				+	
		Early Prolific	3940		8/5	8/11				+	
	2-1		3941		8/11	8/24				+	
	3-1		3942		8/5	8/12				+	
	4-1		3943		8/4	8/18				+	
	6-1		3944		8/13	8/24				+	
	7-1		3945		8/11	8/17				+	
	8-1		3946							+	
	9-1		3947		8/15					+	
313A	4-1	Storm Proof x Tex. Fortuna	3948								
	4-2		3949	X	8/6	8/17	9/6	9/8	48	++	
		Texas Fortuna	3950		8/22					+	
	5-1		3951		8/11					+	WT
	6-1		3952		8/20					+	
314A	1-1	Storm Proof x Spain Jap	3953		8/6	8/17				+	
	2-1		3954		8/2	leg				++	
	3-1		3955		8/5	8/12				+	
	4-1		3956		8/6					+	
	5-1		3957		8/5	8/17				+	
	6-1		3958		7/30	8/17				+	
	6-2		3959		7/30	8/8				+	
		Storm Proof	3960		8/6	8/17				+	

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT LODG.		LEAF SPOT	SHAT- TURING
						HEADING	RIPENING	HARV- ESTED	HT.	ING		
						1ST FULL	1ST FULL		(IN.)	%		
314A7-1	Storm Proof x Spain Jap	3961				8/9	8/23				+	+
7-2		3962				8/10	8/23				+	+
8-1		3963				8/6	8/21				+	+
8-2	Practically no leaf spot H.M.B.	3964				8/16	9/1				+	+
9-1		3965				8/7	9/1				+	+
10-1		3966				8/1	8/18	8/23			+	+
12-1		3967				8/3	8/23		seg		+	+
13-1		3968				8/6	8/23				+	+
14-1		3969				8/7					+	+
	Spain Jap	3970				7/22	7/31	8/11			+	+
15-1		3971				8/13					+	+
16-1		3972				7/30			seg		+	+
17-1		3973				8/2			seg		+	+
19-1		3974				7/28			seg		+	+
20-1		3975	✓			8/22					+	+
315A1-1	Spain Jap x Lady Wright	3976				8/3	8/18				+	+
2-1		3977				8/3	8/16				+	+
3-1		3978				8/2	8/15				+	+
4-1		3979	✓			8/2	8/13	9/3			+	+
	Lady Wright	3980				8/4	8/13				+	+
5-1		3981				8/3	8/18				+	+
6-1		3982				7/30	8/12				+	+
6-2		3983				8/6	8/19				+	+
8-1		3984				7/29	8/9				+	+
317A1-1	Wanica x Tex. Fortuna Sel. #18	3985	q			8/12	8/23	9/1			+	+
2-1		3986	q			8/13	8/23				+	+
3-1		3987	q			8/13	8/23				+	+
3-2		3988	seg			8/16	8/27				+	+
4-1		3989	seg			8/10	8/22				+	+
	Texas Fortuna	3990				8/21					+	+
5-1		3991	q			8/10	8/23				+	+
6-1		3992	q	seg		8/12	8/23				+	+
7-1		3993	q	p		8/16	8/26				+	+
8-1		3994	q			8/17	8/27				+	+
9-1		3995	q			8/10	8/21				+	+
10-1		3996	q			8/16	8/22				+	+
11-1		3997	w			8/16	8/27				+	+
12-1		3998	w			8/13	8/25				+	+
13-1		3999	seg			8/13	8/23				+	+
	Wanica	4000				8/16	8/26				+	+

			DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT LOGG		LEAF SPOT	SHAT- TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		
37A14-1	Wanica x Tex. Fortuna Sel. #18	4001			8/11	8/21				+	-
15-1		4002			8/14	8/23				+	-
16-1		4003			8/17	8/24				+	-
17-1		4004			8/9	8/20				+	-
18-1		4005			8/14					+	-
19-1		4006			8/14					+	-
20-1		4007			8/9					+	-
21-1		4008			8/13	8/22				+	-
22-1		4009			8/11	8/20				+	-
	Texas Fortuna	4010									
23-1		4011			8/17					+	-
24-1		4012			8/17					+	-
25-1		4013			8/16					+	-
26-1		4014			8/16					+	-
27-1		4015			8/18					+	-
28-1		4016			8/13	8/23				+	-
28-2		4017			8/11	8/22				+	-
29-1		4018			8/9	8/23				+	-
30-1		4019			8/16	8/23				+	-
	Wanica	4020			8/16	8/23					
31-1		4021			8/17	8/23				+	-
32-1		4022			8/12	8/20				+	-
33-1		4023			8/15	8/23				+	-
34-1		4024			8/13	8/23				+	-
35-1		4025			8/8	8/18				+	-
36-1		4026			8/9	8/19				+	-
37-1		4027			8/12	8/20				+	-
38-1		4028			8/8	8/19				+	-
39-1		4029			8/17					+	-
	Texas Fortuna	4030			8/21						
40-1		4031			8/10	8/23				+	-
41-1		4032			8/12	8/21				+	-
42-1		4033			8/12	8/21				+	-
43-1		4034			8/13	8/22				+	-
44-1		4035			8/11	8/22				+	-
45-1		4036			8/11	8/23				+	-
46-1	Break plant 1/3 from soil	4037			8/11	8/23				+	-
47-1		4038			8/6	8/19				+	+
48-1		4039			8/9	8/20				+	+
	Wanica	4040			8/15	8/22					

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
317A49-1	Wanica x Tex. Fortuna Sel. #18	4041		8/12	8/24							
51-1		4042		8/12	8/22							
52-1		4043		8/12	8/23							
53-1		4044		8/15	8/21							
54-1		4045		8/9	8/19							
55-1		4046		8/10	8/23							
56-1		4047		8/12	8/23							
57-1		4048		8/6	8/19							
57-2		4049		8/6	8/23							
	Texas Fortuna	4050		8/20								
58-1		4051		8/13	8/23							
59-1		4052		8/13	8/24							
60-1		4053		8/12	8/21							
61-1		4054		8/11	8/21							
62-1		4055		8/9	8/19							
63-1		4056		8/12	8/21							
64-1		4057		8/13	8/21							
65-1		4058		8/13	8/21							
66-1		4059		8/13	8/23							
	Wanica	4060		8/15	8/23							
67-1		4061		8/9	8/23							
68-1		4062		8/9	8/19							
69-1		4063		8/12								
69-2		4064		8/11	8/23							
70-1		4065		8/11	8/21							
71-1		4066		8/8	8/23							
72-1		4067		8/8	8/19							
73-1		4068		8/12	8/23							
74-1		4069		8/15	8/23							
	Texas Fortuna	4070		8/20								
75-1		4071		8/13	8/22							
76-1		4072		8/13	8/23							
77-1		4073		8/10	8/23							
78-1		4074		8/10	8/23							
79-1		4075		8/11	8/23							
80-1		4076		8/12	8/23							
80-2		4077		8/9								
81-1		4078		8/12	8/23							
82-1		4079		8/13	8/20							
	Wanica	4080		8/13	8/20							

[illegible]

			DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
322A2-8	Rexorox Tex. Fortuna		4121	Leaves	8/16						
2-9			4122	Smooth & Rough	8/22	Uniform maturity					
2-10			4123	Rough Leaves	8/21						
2-11			4124	" Leaves	8/23						along side
2-12	± Uniform glaucous color		4125	" "	8/26	± Uniform maturity; ± late					
2-13			4126	Smooth "	8/23	Irregular "					
2-14			4127	Smooth & Rough	8/20	" "					
2-15	± Uniform glaucous color		4128	Smooth	8/21	9/7 Uniform "					Bad
3-1			4129	Smooth	8/26						Bad
	Texas Fortuna		4130		8/23						
3-2	golden yellow		4131	Smooth Leaves	8/21	Uniform maturity					
3-3	" "		4132	"		" "					
3-4			4133	" & Rough		Irregular " mostly late					
3-5			4134	Smooth		Uniform " medium early					
3-6	golden gl.		4135	Rough		Irregular "					
3-7	" "		4136	Smooth		± Uniform "					
3-8	" "		4137	Rough	8/24	Uniform mat.					
3-9	L.S. gr.		4138	Smooth	8/24	" " Early					
3-10			4139	Smooth & Rough		± " " mid to late					
	Rexoro		4140								
3-11	Uniform height		4141	Rough	8/23	Uniform mat. Early					
3-12			4142	Smooth & Rough		" " Late					
4-1	white gl.		4143	Smooth	8/22	" " Early					
4-2	L.S. gr.		4144	Smooth	8/21	" " "					
4-3	M-grain		4145	"		var. mat.					T
4-4			4146	Rough	8/21	" "					T
4-5			4147	" & Smooth	8/22	" "					
4-6			4148	Smooth & Rough		" "					T
4-7	L.S. grain		4149	Rough	8/23	Uniform mat.					T
	Texas Fortuna		4150		8/20	"					
4-8	gold gl.		4151	Smooth	8/20	Uniform mat. Early					T
4-9			4152	Rough		± Uniform mat. Mid to late					
4-10			4153	Smooth	8/23	var. mat.					
4-11			4154	Smooth	8/22	Uniform mat.					
4-12			4155	"		var. mat.					
323A1-1	Rexorox Sup. Blue Rose	gold gl.	4156	Smooth & Rough	8/1						
1-2		gold gl.	4157	" & "	8/10						
1-3		gold gl.	4158	" & "	8/8						
1-4			4159	Rough	7/31						
1-5	Rexoro		4160								

	DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LOD- ING %	LEAF SPOT	SHAT- TERING
			HEADING	1ST FULL	1ST FULL				
			1ST FULL	1ST FULL	HARV- ESTED				
323A1-5	Rexorox Sup. Blue Rose	2.5% gl.	4161	Smother & Rough	8/9	late Rose		+	T
1-6		2.5% gl.	4162	" " "	8/6	early		+	
1-7			4163		8/21			+	
1-8			4164		8/8			+	
1-9			4165	Smother & Rough	8/12			+	T
1-10		rather gold gl.	4166		8/15			+	
1-11			4167		8/20			+	T
1-12			4168		8/17			+	
1-13			4169		8/20			+	
	Supreme Blue Rose		4170		8/9				
1-14			4171		8/6	8/21		+	
2-1			4172	Smother Leaves	8/12			+	
2-2			4173		8/18			+	
2-3			4174		8/15			+	
2-4			4175		8/16			+	
2-5			4176		8/20			+	
2-6			4177		8/17			+	T
2-7			4178		8/16			+	8
2-8			4179		8/15			+	9
	Rexoro		4180						
2-9			4181		8/5			+	
2-10			4182		8/4			+	
2-11			4183		8/3			+	
2-12			4184		8/7			+	
3-1		good Rose	4185		8/4	+	winformant	+	T
3-2			4186		8/1	8/21		+	
3-3			4187		8/21			+	
3-4			4188		8/17			+	
3-5			4189		8/2			+	T+
	Supreme Blue Rose		4190						
3-6			4191		8/3	8/24		+	T
3-7			4192					+	
3-8			4193		8/16			+	
3-9			4194		8/16	8/24		+	T
3-10			4195		8/23			+	
3-11	Smothered	Good Rose	4196	Smother Leaves	8/4	8/13		+	T
3-12			4197		8/15			+	
3-13			4198		8/11			+	T
3-14			4199		8/11			+	
	Rexoro		4200						

DATE PLANT EMERG. (50%)	STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAW TENDING
		HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
323A3-15	Rexoro x Sup. Blue Rose	4201	8/13				+	
3-16		4202	8/16				+	
4-1		4203					+	
4-2		4204	8/5				+	
4-3		4205	8/7				+	
5-1		4206					+	
5-2		4207	8/8	8/21			+	T
5-3		4208	8/11				+	T
5-4		4209	8/5	8/20			+	T
	Supreme Blue Rose	4210						
5-5		4211	8/4				+	
5-6	good Row	4212					+	T
5-7		4213					+	
5-8		4214	8/3	8/16			+	
5-9		4215	8/17	8/26			+	
5-10		4216	8/3				+	
5-11		4217	8/5				+	
5-12		4218	8/19				+	
5-13		4219	8/11				+	
	Rexoro	4220						
5-14		4221	8/6	8/24			+	T
5-15		4222	8/5				+	T
5-16	good Row	4223					+	
5-17		4224	8/14				+	T
324A1-1	Rexoro x C.I. #5094	4225	8/20	Uniform mat.			+	
1-2		4226	"	"			+	
1-3		4227	8/22	2 reg. " Late			+	
1-4		4228	"	± " "			+	T
1-5	good Rexoro Type	4229	8/12	2 reg. "			+	
	C.I. No. 5094	4230						
1-6		4231	8/21	± Uniform mat only short			+	
1-7	1 slenderest	4232	8/23	2 reg. "			+	
1-8		4233	8/20	5m. mat.			+	
1-9		4234	8/17	Uniform mat.			+	
1-10		4235	8/23	2 reg. mat			+	
1-11		4236	8/21	Uniform mat			+	
1-12		4237	8/24	" "			+	
1-13		4238	8/22	2 reg. mat			+	
1-14		4239	8/22	" "			+	
	Rexoro	4240						

[illegible]

			DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHADE LEAF
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
325A1-3	Rexoro x C.I. #5810	4281			8/17					+	
1-4		4282			8/10					+	
1-5		4283			8/10					+	
1-6		4284								+	
1-7		4285								+	
1-8		4286								+	
1-9		4287			8/17					+	
1-10		4288			8/20					+	
1-11		4289			8/17					+	
	C.I. No. 5810	4290			7/31	8/8				+	
1-12		4291			8/9	8/23				+	
1-13		4292			8/17					+	T
1-14		4293			8/23					+	
2-1		4294			8/19					+	
2-2		4295			8/10					+	
326A1-1	Rexoro x C.I. #5947	4296			8/16					+	
1-2		4297			8/13					+	T
1-3		4298			8/15					+	
1-4		4299			8/7					+	
	C.I. No. 5947	4300			8/4	8/14				+	
2-1		4301			8/12					+	
2-2		4302			8/19					+	
327A1-1	Rexoro x C.I. #6018	4303			8/10	8/23					
1-2		4304			8/12						
1-3		4305			8/6	8/22					
1-4		4306			8/13						
1-5		4307			8/5						
1-6		4308			8/17						
2-1		4309			8/13						
	Rexoro	4310									
2-2		4311			8/12						
2-3		4312			8/20						
2-4		4313			8/16						
2-5		4314			8/6						
2-6		4315			8/16						
2-7		4316			8/20						
2-8		4317			8/11						
2-9		4318			8/16						
2-10		4319			8/19						
	C.I. No. 6018	4320			7/31	8/11					

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAW TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				

327A2-11 Rexoro x C.I. #6018

2-12

2-13

2-14

2-15

4321

4322

4323

4324

4325

8/17

8/15

8/9

8/11

8/13

Field notes

		DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LOGGING %	LEAF SPOT	SHOOT TERNING
		HEADING 1ST FULL	RIPENING 1ST FULL	HARVESTED						
322A5	Rexoro	4401								
	Rexoro x Texas. Fortuna	4402								
	2	4403								
	3	4404								
	4	4405								
	5	4406								
	6	4407								
	7	4408								
	8	4409								
	9	4410								
	10	4411								
	11	4412								
	12	4413								
322A7	13	4414								
	1	4415								
	Fortuna	4416								
323A6	Rexoro x Sup. Blue Rose	4417								
	2	4418								
	3	4419								
	4	4420								
	5	4421								
	6	4422								
	7	4423								
	8	4424								
	9	4425								
	10	4426								
	11	4427								
	12	4428								
	13	4429								
	14	4430								
	15	4431								
323A7	Supreme Blue Rose	4432								
	1	4433								
	2	4434								
	3	4435								
	4	4436								
	5	4437								
	6	4438								
	7	4439								
		4440								

8/2

			DATE PLANT EMERG. (50%)	STAND	DATES			PLANT LODG.		LEAF SPOT	SHAP- TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		

323A7 Rexoro x Sup. Blue Rose.

4440

1

4441

2

4442

3

Rexoro

4443

323A9

1

4444

2

4445

3

4446

4

4447

5

4448

6

4449

C.I. No. 5094

4450

324B1 Rexoro x C.I. #5094

2

4451

3

4452

4

4453

5

4454

6

4455

7

4456

8

4457

325A3 Rexoro x C.I. #5810

2

4458

3

4459

4

4460

5

4461

6

4462

7

4463

Rexoro

4464

4465

4466

326A1 Rexoro x C.I. #5947

2

4467

3

4468

4

4469

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4470

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4471

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4472

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4473

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4474

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C.I. No. 5947

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4745

			DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT LODG.		LEAF SPOT	SHAY- TERING
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		
326A2	1	Rexoro x C.I. #5947	4488								
	2		4479								
	3		4480								
	4		4481								
	5		4482								
	6		4483								
	7		4484								
	8		4485								
	9		4486								
	10		4487								
328A1		Fortuna	4488								
	1	Tex. Fortuna x Early Prolific	4489								
	2		4490								
	3		4491								
328A2		Early Prolific	4492								
	1		4493								
	2		4494								
	3		4495								
329A1		Naglam pas	4496			8/6					
	1	Naglam pas x Blue Rose	4497			8/6					
	2		4498								
	3		4499			8/4					
	4		4500			8/5					
	5		4501			8/3					
329A2	1		4502								
	2		4503								
	3		4504								
	4		4505								
	5		4506								
	6		4507								
	7		4508								
	8		4509								
	9		4510								
	10		4511			8/2					
329A3		Blue Rose	4512								
	1		4513			8/4					
	2		4514			8/2					
	3		4515			8/3					
	4		4516			8/1					
	5		4517			7/31					

			DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHATH- TERING
					HEADING 1ST FULL	1ST	RIPENING FULL				
329A3	6	Naglampas x Blue Rose	4518			8/1					
	7		4519			8/2					
	8		4520			8/2					
329A4	1		4521			8/3					
	2		4522			8/2					
	3		4523								
	4		4524			8/5					
	5		4525			8/4					
	6		4526			8/2					
	7		4527			8/1					
	8		4528								
	9		4529								
	10	Naglampas	4530								
329A5	1		4531			8/1					
	2		4532			8/1					
	3		4533			8/2					
	4		4534			8/1					
	5		4535			8/1					
329A6	1		4536								
	2		4537			7/31					
	3		4538								
	4		4539			8/5					
	5		4540								
		Blue Rose	4541								
			4545								
			4546								
			4547								
			4548								
			4549								
			4550								

Fr on Intruding block

Blue Rose guard row.

3315A 7689 X 5947

South side

336A 7482 X 5947

middle

3316A 7689 X 5810

north side

Parental rows.

Blue Rose guard row

Panicle Selections

SOWN 4-30

			DATE PLANT EMERG. (80%)	STAND	DATES			PLANT LODG.		LEAF SPOT	SHAY TERIN.
					HEADING 1ST FULL	RIPENING 1ST FULL	HARVESTED	HT. (IN.)	NG %		
1	Caloro Check	—	4601		8/4	8/12					
	Caloro x L. Wright	6237-1	4602		8/2	8/10					
	" x " "	6257-1	4603		8/12	8/23					
	" x " "	6258-1	4604		7/30	8/12	Seg				
2	Lady Wright CK	—	4605		8/1	8/12					
	Colusa x Lady Wright	6312-1	4606		7/31	8/8	1/2				
	" x " "	6327-1	4607		8/4	8/18					
3	Colusa Check	—	4608		8/1	8/9					
	Colusa x L. Wright	6327-2	4609		8/6	8/17					
	241A(P)31-2 Sel.		4610		8/13	8/21					
	"		4611		8/8		Seg				
	"		4612		7/31		Seg				
	"		4613		7/31		Seg				
4	241A(P)31-2 Check	—	4614		8/9	8/17					
	241A(P)31-2 Sel		4615	Seg format	7/31		Seg				
	"		4616		8/1		Seg				
	"		4617		8/17	8/24					
	"		4618		8/13	8/21					
	"		4619		8/1	8/23	Seg				
	"	6089-1	4620		8/14	8/22					
	"	6089-2	4621		8/14	8/22					
	243AS-9 Sel	6076-1	4622		7/31		Seg				
5	243AS-9 Check	—	4623		8/1	8/8	1/23				
	243AS-9 Sel	6076-2	4624		8/1		Seg				
	" "	6076-3	4625		7/31		Seg				
	241B5-30 Sel	6086-1	4626		8/6	8/14					
6	241B5-30 Check	—	4627		8/6	8/14					
	241B5-30 Sel.	6086-2	4628		8/9	8/17					
	C.I. No 1160 Sel.		4629								
7	C.I. No. 1160 Check		4630								
	C.I. No. 1160 Sel.		4631								
	Imp. Blue Rose Sel.		4632								
8	Imp. Blue Rose Check		4633								

25 Selections

Seed Samples from Rice Grading Office 1934

100 Samples.

Sown 4-30

Grading Off.
No. →DATE
PLANT
EMERG.
(80%)%
STAND

DATES

HEADING
1ST FULLRIPENING
1ST FULLHARV-
ESTEDPLANT LODG-
HT. ING
(IN.) %LEAF
SPOTSHAP-
TERING

S-91

Tap

4701

7/31 8/1

S-6 Early Prolific.

4702

8/2 8/12

S-8

4703

8/2 8/12

S-9

4704

8/1 8/12

S-12

4705

8/4 8/12

S-19

4706

8/3 8/12

S-22

4707

7/31 8/10

S-41

4708

8/4 8/12

S-43

4709

8/3 8/12

S-52

4710

8/1 8/12

S-53

4711

7/31 8/12

S-54

4712

8/4 8/12

S-55

4713

7/31 8/10

S-61

4714

7/31 8/10

S-73

4715

7/31 8/10

S-74

4716

8/1 8/12

S-78

4717

8/3 8/12

S-93

4718

8/4 8/12

S-97

4719

7/31 8/10

S-99

4720

8/1 8/12

S-101

4721

8/1 8/12

S-103

4722

7/31 8/11

S-108

4723

8/2 8/12

S-36 Shoemed

4724

8/13 8/21

S-84

4725

8/13 8/21

S-10 Blue Rose

4726

8/23

S-11

4727

S-13

4728

S-14

4729

7/24

S-15

4730

8/5

S-17

4731

8/6

S-18

4732

8/22

S-20

4733

8/23

S-21

4734

S-23

4735

8/23

S-24

4736

S-25

4737

8/23

S-26

4738

S-27

4739

8/21

S-30

4740

Grad.
Office
No.

DATE
PLANT
EMERG.
(50%)

%
STAND

DATES

HEADING
1ST FULL

RIPENING
1ST FULL

HARV-
ESTED

PLANT
HT.
(IN.)

LODG-
ING
%

LEAF
SPOT

SHAW-
TERING

S-31 Blue Rose

4741

S-33

4742

8/23

S-39

4743

S-40

4744

8/23

S-42

4745

8/24

S-44

4746

S-45

4747

S-46

4748

S-47

4749

S-49

4750

S-50

4751

S-56

4752

S-59

4753

8/21

S-60

4754

8/21

S-62

4755

8/21

S-65

4756

S-66

4757

S-68

4758

8/24

S-71

4759

S-72

4760

S-75

4761

8/22

S-76

4762

8/24

S-77

4763

S-79

4764

S-80

4765

8/22

S-81

4766

S-85

4767

8/24

S-88

4768

8/24

S-89

4769

S-92

4770

S-96

4771

S-98

4772

8/22

S-100

4773

S-102

4774

S-104

4775

S-105

4776

S-109

4777

8/23

S-110

4778

8/23

S-34 Lady Wright

4779

8/1

8/12

8/21

S-37

4780

8/1

8/12

8/21

Wider leaf
type than average
Blue Rose

				DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED				
S-69	Lady Wright			4781		8/1	8/12	8/21				
S-70				4782		8/1	8/12	8/21				
S-107				4783		8/1	8/12	8/21				
S-1	Fortuna			4784		8/23						
S-4				4785								
S-28				4786		8/21						
S-57				4787								
S-58				4788		8/22						
S-94				4789		8/23						
S-95				4790		8/23						
S-106				4791								
S-2	Nira			4792								
S-3				4793								
S-5				4794								
S-7				4795								
S-86				4796								
S-48	Rexoro			4797								
S-51				4798								
S-67				4799								
S-90				4800								

78
2/57

Follows F2 Hybrid Rows

Misc'l. Space-sown rows

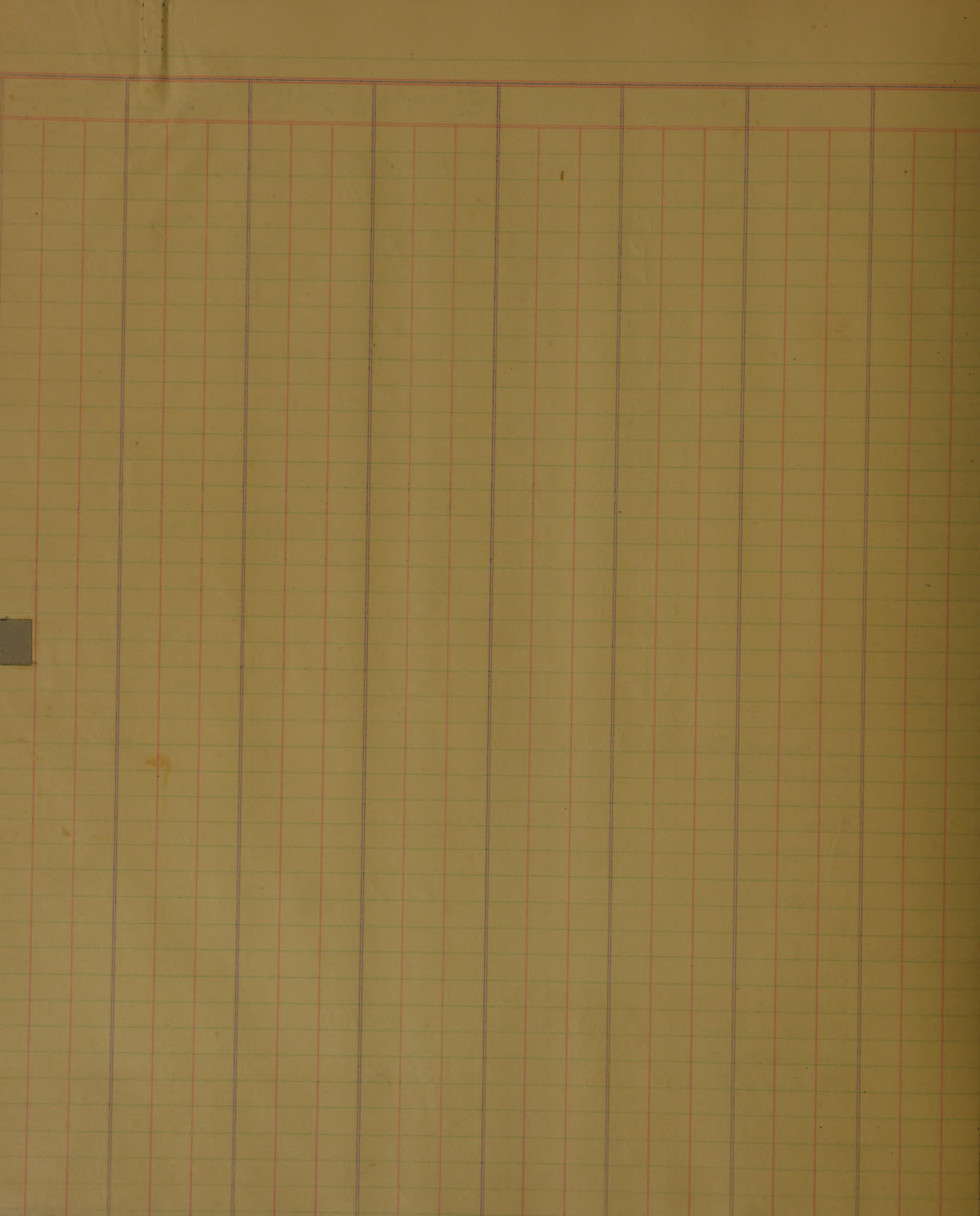
Sown - 5-2

	Source	DATE PLANT EMERG. (50%)	% STAND	DATES			PLANT HT. (IN.)	LONG. ING %	LEAF SPOT	SEED LING
				HEADING 1ST FULL	1ST FULL	HARV-ESTED				
long-grain types	Kamejix Blue Rose	1179	4801							7/30
" " "	" X " "	1180	4802							9/30
Diff. grain types	Honduras		4803	8/1						
" " "	Storm Proof		4804							9/30
	Sel. from Short x Med. bulked hybrid plot		4805			9/24				9/30
" " " X " "			4806			9/25				9/30
" " " X " "			4807							
	Fortuna x Red Rice (1932 crop)		4808							
" X " " "			4809							
" X " " "			4810							9/30
grains with long outer-glumes			4811	Normal plants						
	Kinarayom		4812			7/30				
	Span Jap.		4813			7/20				
	Misc. Sel. 1160		4814							
	5403 I. No. 5403 Sel.		4815			8/2				
4815 followed by 4801 (no borders)			4816							
			4817							

Sown

Artificial
Sowing Date

			DATE PLANT EMERG. (50%)	STAND	Sowing	DATES		PLANT HT. (IN.)	LODG- ING %	LEAF SPOT	SHAT- TERING
						HEADING 1ST FULL	RIPENING 1ST FULL				
	Italian Red ✓	red	4901		Ken 5-2	7/31		9/20			
	Southern Red ✓	red	4902			8/6		9/20			
6248		P ✓	4903					9/20			
5309		P ✓	4904		X						
7357		P ✓	4905					10/8			
5399		P ✓	4906					10/8			
3829		✓ Gold	4907					9/20			
5818		✓ Gold Br.	4908			8/1		9/20			
4554		stripped	4909								
3212		✓ wh	4910		X						
4074		✓ wh	4911		X						
5398		✓ Br	4912		X						
5810		✓ Gold Br.	4913		X	8/2		9/20			
6011		Br	4914		X			9/20			
7253		✓ P	4915					9/20			
4530		✓ P	4916								
3025		✓ P	4917		X			9/20			
4011		✓ P	4918		X						
6993		✓ R	4919		X	7/12		9/20			
6744		✓ R	4920			8/4		9/20			
6121-3		✓ R	4921		X			9/20			
5173		✓ R	4922					9/20			
	Improved Blue Rose		4923		X	X					
	Texas Fortune		4924								
	Kameji		4925					9/20			
	Nira		4926								
	Shoemed		4927					9/20			
	Rexoro		4928								
	Caloro	str	4929		X	X		9/20			
	81C		4930			8/1		9/20			
7190	No. 8		4931					9/20			
	Delitus		4932					9/20			
	Delitus		4933								
	Italian Red ✓	Red	4934		5-8	7/31		9/20			
	Southern Red ✓	Red	4935		X	"		9/20			
	Blackhull Red ✓	Red	4936		X	X		9/20			
			4937								
			4938								
			4939								
			4940		4504						
					1645						



Kernel Color -

	Purple	Red	Brown	White
Purple	4411 X ⑤ 3025	4411 X Blackhull	4011 X 5810 X	4011 X 1962
Red		Blackhull X So Red	Blackhull X 5810 X	Blackhull X 1962
Brown			5810 X ⑪ 6011	5810 X 1962
White				1462 X 1581-1

7 crows.

3 left
2 times seed from Jordan

Seedling & Foliar Color -

	Purple	Red	Gold	Brown	Shaw	White
Purple	5309 X ④ Blackhull	5309 X ③ 6121-3	5309 X ⑤ 1645	5309 X 5398	5309 X ① 1962	5309 X 3212
Red		6121-3 X 6493	6121-3 X ⑥ 1645	6121-3 X 5398	6121-3 X ② 1962	6121-3 X ③ 3212
Gold			⑦ 1645 X 1546	1645 X ① 5398	1645 X 1962	1645 X ② 3212
Brown				5398 X 4504	5398 X 1962	5398 X 3212
Shaw					1962 X 1581-1	1962 X 3212
White						3212 X 4074

18 crows

1 left

Have 11 not obtained 12 from Jordan
Have crows and seed of F1 plants.

5309 X 5398
X 3212
6121-3 X 6493
X 5398
5398 X 4504
X 3212
1962 X 3212
3212 X 4074

Scl
oryzae

Disease Inoculation Plots.

Sclerotium oryzae
Blue Rose

6001

Rexoro

6002

Fortuna

6003

Edith

6004

Blue Rose

6005

Delitas

6006

Honduras

6007

Blue Rose

6008

Storm Proof

6009

Early Prolific

6010

Caloro

6011

Acadia

6012

Shoemed

6013

Blue Rose

6014

*Trichoderma**Vintula*

6101

Carolina Gold

6102

C.I. No. 2971

6103

Fortuna

6104

Vintula

6105

Blue Rose

6106

Rexoro

6107

Wanica

6108

Caloro

6109

Acadia

6110

Wanica

6111

Blue Rose

6112

Helminthosporium oryzae

Kameji

6201

✓

5 - - -

6301

Aiko Ku

6202

✓

10-20 - + -

6302

Blue Rose

6203

25-50 - - +

6303

Honduras

6204

✓

10-70 - + +

6304

Editk

6205

✓

10-70 - + +

6305

Akage

6206

7/25

Ripe 8/23 ✓

6306

Bozu

6207 157

8/2 ✓

20-80

1st bud 6-30
full " 7-9

6307

1st bud - 7-3
full " 7-12

Blue Rose

6208 157

6308

Inyo Benkei

6209 157

7/25

Ripe 8/22 ✓

6309

C.I. No. 6346

6210 157

7/27

✓

10-25

- + -

6310

C.I. No. 6723

6211 157

7/27

✓

10-30

- + -

6311

Norway
 Erythronium
 Trachelium
 W.T.

Butte

21286212

✓

25

-

+

-

6312

Blue Rose

6213

6313

Rexoro

6214

5-30

-

-

-

6314

Fortuna

6215

10-50

+

+

-

6315

Storm Proof

6216

✓

25-70

-

+

-

6316

Delitus

6217

✓

5-60

-

-

-

6317

Blue Rose

6218

6318

Early Prolific

6219

6319

Early Blue Rose

6220

6320

Caloro

6221

6321

Acadia

6222

6322

Blue Rose

6223

6323

Shumard

3.5
1.0

54

Nurs

down in pots —

w = straw colored or white

Row-1 Transplanted to nursery May 4, each plant given 1 sq foot area. (In some 1 foot apart, plants 1 foot apart)

Pot No.	Hybrid Cross No.	Cross or Parent	1st Head	Plant Ht	No. Panicles	Stalks	color	Color				Nature of Awns
								APic	horns Palea Apex	horns Palea	Stigma	
39	—	Edith	7/22	45	8	Ft	green	—	w	gr	o	
41	—	Storm Proof	8/6	45	7	Ft	green	—	w	gr	o	
42	—	Storm Proof	8/3	46	8	Ft	green	—	w	gr	o	
96	331A7	C.I. 7482 x Storm Proof	10/4	60	14	St	green	—	w	gr	o	
98	331A9	" x " died										
99	331A10	" x "	10/5	63	13	St	green	—	w	gr	o	
102	331A13	" x "	10/2	58	20	St	green	—	w	gr	o	
31	—	C.I. No. 7482	10/21	59	21	Ft	green	—	w	gr	o	
106	332A8	Rexoro x C.I. No. 7482	10/18	69	18	S	R green	—	w	Rp	o	
46	—	Rexoro	9/2	51	7	Ft	green	—	gold	gold	tip	
32	—	C.I. No. 7482	10/21	57	36	Ft	green	—	w	gr	o	
107	333A7	C.I. No. 7482 x Texas Fortuna	10/14	65	25	St	gr	Rp	Rp	w	Rp	o
109	333A9	" x " " "	10/13	67	23	St	gr	"	"	w	Rp	o
110	333A10	" x " " "	10/14	66	28	St	gr	"	"	w	Rp	o
111	333A11	" x " " "	10/13	65	27	St	gr	"	"	w	Rp	o
532	—	Texas Fortuna	8/13	59	9	Ft	green	—	w	Rp	o	

nery

				1st Plant Head Ht.	no Panicles	Sturdy Culm	Color				Mature of Awns
							Apical Apex	Apical Apex	Apical Apex	Apical Apex	
57		Delitus		8/8 52	7	F+ green	R	gold	gold	Reddish	o
57		Texas Fortuna		8/15 48	8	F+ green	Rp	Rp	W	Rp	o
58		Delitus		8/6 50	8	F+ green	R	gold	gold	Reddish	o
112	334A4	C.I. No. 7482 x Delitus		10/7 64	16	St+ green	R	green	W	Reddish	o
113	334A5	" x "		10/8 67	16	St+ green	"	"	W	"	o
33		C.I. No. 7482		10/21 60	21	F green			W	gr	o
115	336A6	C.I. No. 7482 x C.I. No. 5947 died									
116	336A7	" x "		10/9 60	15	S. green	green		W	gr	o
117	336A8	" x "	died								
67		C.I. No. 5947		7/21	18	F+ green			W	gr	o
72		C.I. No. 5094		8/24 6	8	F+ green	Rp	gold	gold	Rp	o
118	337A5	C.I. No. 7482 x C.I. No. 5094 died									
120	332A7	" x "		10/8 61	17	St+ green	Rp	green	W	Rp	o
35		C.I. No. 7482		10/21 59	22	F green			W	gr	o
73		C.I. No. 5094		8/7 48	13	F+ green	Rp	gold	gold	Rp	o

Row-3

					1st Plant Head Ht	no. Panicles Sterility	culms	Color				dies	anno
								APic	AVP Apex	Xp			
66		C.I. No. 5947			died								
47		Rexoro			9/1 49	11	Ft gr	gold	gold				o
121	338A4	F ₁ [Rexoro x C.I. No. 5947 (326A2)] x C.I. No. 7482			4 1/4 168	18	St gr	green	green	w			o
122	338A5	F ₁ [" x " " "] x " "			10/13 5.9	22	Ft	green	green	w	w		o
68		C.I. No. 5947			7/28	9	Ft gr	green		w	gr		o
34		C.I. No. 7482			died								
77		Edith			7/31 46	7	Ft green			w	gr		o
125	3310B1	C.I. No. 7689 x Edith (Rexoro)			died								
129	3310B5	" x " "			9/17 71	19	St green			w	gr		o
132	3310B8	" x " "			died								
134	3310B10	" x " "			9/17 68	17	St green			w	gr		o
36		C.I. No. 7689			10/5 60	20	Ft green			w	gr		o
44		Storm Proof			8/11 44	4	Ft green			w	gr		o
147	3311B2	C.I. No. 7689 x Storm Proof			9/25 69	19	St green			w	gr	few at tip	A
149	3311B4	" x " "			9/25 69	22	St green			w	gr	few at tip	also
43		Storm Proof			8/11	6	Ft green			w	gr		o

					1st Head	Plant Ht.	No. Panicles	Stem	culm spec.	Apex	Apex	Apex	Apex	Apex
59		Delitus			8/5	53	6	F+	green	R	gold	gold	Reddish	o
150	3311B5	C.I. No. 7689 x Storm Proof			9/27	68	16	S+	gr	green	wh	wh	few sh. tips	
151	3311B6	"	x	"	9/27	66	14	S+	gr	"	"	"	few sh. tips	
155	3311B10	"	x	"	9/28	67	9	S+	gr	"	"	"	few sh. tips	
37		C.I. No. 7689			10/5	62	25 15	F	"	"	"	"	"	o
45		Storm Proof			8/2	45	9	F+	gr	"	"	w	"	o
163	3311C8	C.I. No. 7689 x Storm Proof			9/28	66	15	S+	gr	"	"	"	few sh. tips	
166	3311C11	"	x	"	9/28	65	11	S+	gr	"	"	"	few sh. tips	
167	3311C12	"	x	"	9/28	67	15	S+	gr	"	"	"	few sh. tips	
38		C.I. No. 7689			10/3	62	18	F+	gr	"	"	"	"	o
168	3312A3	C.I. No. 7689 x Delitus			9/30	66	9	S+	gr	Rp	green	wh	Reddish	few sh. tips
58		Delitus			8/4	54	14	F+	gr	R	gold	gold	Reddish	o
69		C.I. No. 5947			7/27		10	L+	gr	green	w	gr	"	o
173	3315A1	C.I. No. 7689 x C.I. No. 5947	died	died										
175	3315A3	"	x	"										
60		Delitus			8/1	59	19	F+	gr	R	gold	gold	Reddish	o

Row-5

all have.

			1st Head	dent	no. panicle	Sterility	culms	color					
								Apic	PVP Apex	Exp	Styl	Anther	
63		C.I. No. 5810	7/20		14	F+	gr	br	br	br	Rp	o	
62		C.I. No. 5810	7/20		8	F+	gi	br	br	br	Rp	o	
178	3315A6	C.I. No. 7689 x C.I. No. 5947	10/4	62	17	F+	gr. green	w	gr		o		
39		C.I. No. 7689	10/5	58	19	F	gr			gr	o		
61		C.I. No. 5810	7/20		13	F+	gr	br	br	br	Rp	o	
184	3316B8	C.I. No. 7689 x C.I. No. 5810	10/4	64	25	F	gr	Rp	gr	w	Rp	Tip	
187	3317A8	C.I. No. 7689 x C.I. No. 5094	9/30	62	11	S	gr	R	gr	w	R	few young ab. tips	
188	3317A9	" x "	9/29	65	16	S	gr	"	"	w	"	1. first tips	
74		C.I. No. 5094	8/6	46	9	F+	gr	Rp	gold	gold	Rp	o	
189	3317A10	C.I. No. 7689 x C.I. No. 5094	10/3	56	4	St	G	"	"	w	"	1. first tips	
190	3317A11	" x "	9/30	64	23	St	G	"	"	w	"	1. first tips	
40		C.I. No. 7689	10/8	56	7	F	gr			w	gr	o	
53		Texas Fortuna	8/15	49	6	F+	gr	Rp	Rp	w	Rp	o	
194	3318A8	C.I. No. 7689 x Texas Fortuna	10/7	70	20	St	gr	Rp	Rp	w	Rp	1 or 2 ab. tips	
55		Texas Fortuna	8/11	53	11	F+	gr	Rp	Rp	w	Rp	o	

note that 194 has red stig + culms apical

					1st Head	Plant ht	No Panicles	Ster	Culm	Apic- ulus	hema- palea	hema- palea	Stom	Color	Nature of Awns
95	Edith (Calif.)				8/5	47	14	F+	green				w	gr	o
94	Edith (Calif.)				8/7	45	12	F+	green				w	gr	o
92	Edith (Calif.)				8/6	46	11	F+	green				w	gr	o
197	3321A2 C.I. No 5403-2	(Dwarf)	X	Edith (Calif.)	died										
199	3321A4	"	X	"	died										
89	C.I. No. 5403-2				8/1	22									
201	3321A6 C.I. No. 5403-2	(Dwarf)	X	Edith (Calif.)	8/3	33	one panicle,	F+	green				w	gr	o
202	3321A7	"	X	"	8/2	50	10	F+	green				w	gr	o-
93	Edith (California)				8/5	49	14	F+	green				w	gr	o
87	C.I. No. 5403-2				died										
88	C.I. No. 5402-2				7/30	27	11	F+	green				w	gr	o
85	Colusa				7/16		6	F+	green				w	gr	o
86	C.I. No. 5403-2				8/1	27	variegated								
70	C.I. No. 5947				7/27		15	F+	green				w	gr	o
64	C.I. No. 5810				7/20		11	F+	green	hr	hr	hr	Rp		o
80	Edith				7/18										

Row-7

		St Head plant Ht	no Panicles
48	Rexoro	9/2	
49	Rexoro		
50	Rexoro	9/4	
54	Texas Fortuna	8/12 5.1	
75	c.I. No. 5094	8/8 51	16
76	Edith (Texas)	died	
78	Edith (Texas)	died	
81	Colusa	7/17	12
82	Colusa	7/19	8
83	Colusa	7/16	11
84	Colusa	7/17	11

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F₁ hybrid plants grown in greenhouse, Washington, D.C. during Winter of 1933-34 and transplanted to Beaumont Nursery June 22.

44

Row-8

				Greenhouse reaction	1st Heading Date	Plant Ht.	No. Anthers	Apr. Apex	May Apex	June Apex	July Apex	Aug. Apex
— C.I. No. 7482				F+	10/20							
"				F+	10/20							
"				F+	10/20							
"				F+	10/20							
332A1	Rexoro	X	C.I. No. 7482	O	10/20	64	14	S	R	grn	W	Rp 0
332A2	"	X	"	O	10/20	69	9	S	"	"	"	"
332A3	"	X	"	O	10/21	66	5	S	"	"	"	"
332A4	"	X	"	O	10/20	66	11	S	"	"	"	"
338A1	F ₁ [Rexoro x C.I. No. 5942]	X	C.I. No. 7482	S	10/18	64	1	10 St gr	R	grn	W	Rp 0
338A2	"	X	"	S	10/20	66	10	8 St gr	"	"	"	" but look
338A3	"	X	"	S	10/17	58	11	F gr	"	"	"	"
331A1	C.I. No. 7482	X	Storm Proof	S	10/8	62	6	St gr green				0
331A2	"	X	"	S	10/7	62	12	St gr green				tip
331A3	"	"	"	S	10/8	60	12	St gr	"			0
331A4	"	"	"	S	10/6	63	16	St gr	"			0
331A5	"	"	"	S	10/6	67	18	St gr	"			0

Greenhouse reaction:

St = Very largely sterile.

S = sterile

O = did not head

F = Produced considerable seed (mostly Fertile)

F- = " some " ± fertile

F+ = " seed (Fertile)

Row-9

				Green-house reaction	1st Harv	Plant Ht	No Panicles	Styl dy	Color culm	Color				Nature of Awns
										Apic- ulus	lem. palea Apex.	Lemma palea	Stigma	
337A1	C.I. No. 7482	X	C.I. No. 5094	S	10/12	60	8	S++	green	Rp	w	w	Rp	o
337A2	"	X	"	S	10/12	60	8	S++	green	Rp	w	w	Rp	o
337A3	"	X	"	S	10/12	57	5	S++	green	Rp	w	w	Rp	o
336A1	C.I. No. 7482	X	C.I. No. 5947	F	10/9	61	7	F-	green	w	w	w	w	o
336A2	"	X	"	F	10/9	55	4	F-	green	w	w	w	w	o
336A3	"	X	"	F	10/9	60	9	F-	green	w	w	w	w	o
339A1	C.I. No. 7482	X	F ₁ [Rexoro X C.I. No. 5810 (32SA 3)]	F-	10/23	58	17	S	P	Rp	w	w	Rp	Tap
339A2	"	X	" X " "	F-	10/14	61	9	F+	P	Rp	w	w	Rp	o
333A1	C.I. No. 7482	X	Texas Fortuna	o	10/16	66	5	St	gu	Rp	Rp	w	Rp	o
333A2	"	X	"	o	10/16	67	5	St	"	"	"	"	"	o
333A3	"	X	"	o	10/14	66	10	St	"	"	"	"	"	o
333A4	"	X	"	o	10/16	65	8	St	"	"	"	"	"	o
333A5	"	X	"	o	10/15	67	9	St	"	"	"	"	"	o
333A6	"	X	"	o	10/15	63	10	St	"	"	"	"	"	o

Row-10

				Green-house reaction	Plant HT	No. panicles	Ster	Color					Nature of Awns
								Col	Apic. ulus	hem paleo	hema paleo	37.9 ma	
334A1	C.I. No. 7482	x	Delaware	O	10/9 65	13	St+	green	R	w	w	1/2 red	O
334A2	"	x	"	O	10/7 65	7	St+	green	R	w	w	1/2 red	O
334A3	"	x	"	O	10/8 69	5	St+	green	R	w	w	1/2 red	O
3318A1	C.I. No. 7689	x	Texas Fortuna	S	10/13 63	9	St	gr	Rp	Rp	w	Rp	O
3318A2	"	x	"	S	10/13 67	11	St	gr	Rp	Rp	w	Rp	few tips
3318A3	"	x	"	S	10/13 64	8	St	gr	Rp	Rp	w	Rp	very few at tips
3318A4	"	x	"	S	10/13 65	9	St	gr	Rp	Rp	w	Rp	very few tips
3314A1	C.I. No. 7689	x	Colusa	S	9/18 67	16	St	gr	green		w	gr	Tip
3315B1	C.I. No. 7689	x	C.I. No. 5947	F	10/6 62	12	S	green			w	gr	O
3313A1	Rexoro	x	C.I. No 7689	St	10/9 74	14	S	green	R	w	w	Rp	few tips
3316B1	C.I. No. 7689	x	C.I. No. 5810	F	10/8 60	5	F	Rp		w	w	Rp	O
3316B2	"	x	"	F	10/9 58	4	F	Rp		w	w	Rp	O
3316B3	"	x	"	F	10/7 58	9	F	Rp		w	w	Rp	O
3316B4	"	x	"	F	10/7 57	9	F	Rp		w	w	Rp	1/2 tips
3316B5	"	x	"	F	10/9 58	4	F	Rp		w	w	Rp	1/2 tips

Not certain that stymia is red
HMB.

Row 11

Green-house reaction ^{headed} 1st plant ^{plant} Ht. No. Panicles Sterility Color Nature of Awns

Culm Epicutis Lemma Lemma Palea Stigma Apex

3317A1 C.I. No. 7689 x C.I. No. 5094

S 10/5 58 8 S gr Rp w w Rp ^{app} Tips

3317A2 " x "

S 10/6 58 10 S green Rp w w Rp ^{app} Tips

3317A3 " x "

S 10/2 60 5 S green Rp w w Rp ^{app} Tip

3317A4 " x "

S 10/4 61 5 S green Rp w w Rp ^{app} tip

3317A5 " x "

S 10/5 58 5 S green Rp w w Rp o

3317A6 " x "

S 10/7 58 6 S green Rp w w Rp o

C.I. No. 7689 Parent

F 10/10

" "

F 10/8

" "

F 10/5

" "

F 10/7

" "

F 10/9

3310A1 C.I. No. 7689 x Edith

St 9/23 62 15 St green w gr o

3310A2 " x "

St 9/22 62 13 St green w gr o

3310A3 " x "

St 9/21 62 20 St green w gr o

C

Row-12

					Green-house reaction	Plant Head	Plant Ht.	No. Panicles	Sterility	culms	APIC- hilus	Color Lemnae palea Apex	Stigma	Nature of Anther
3310A4	C.I. No. 7689	X		Edith	St	9/30	64	16	St	green		w	w	low tips
3311A1	C.I. No. 7689	X		Storm Proof	St	10/2	62	11	St	green		w	w	tips
3311A2	"	X	"	"	St	10/6	61	5	St	green		w	w	tips
3311A3	"	X	"	"	St	9/30	61	10	St	green		w	gr	Tip
3311A4	"	X	"	"	St	9/29	64	11	St	green		w	gr	anther
3311A5	"	X	"	"	St	10/1	61	14	St	green		w	gr	tips

Plants covered with 20 gallon garbage cans at 6 P.M. and removed 7 A.M. for the period June 22 to July 31 incl. - a 40 days

Drum	Plant	1st						Gram	A.Wgs		Co
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[illegible]

		1st Head	Grain Length	Awins	Leaf Sheath	Color Lamina + palea + glume	Stigmas
4.	106 Shoemad	8/20					
	107 Rexoro	9/5					
	108 Caloro	8/4					
	109 81c	7/28					
	110 T.S. No. 7190	8/9					
5.	201 Delitus	8/21					
	202 Imp. Blue Rose	8/28					
	203 Fortuna	8/29					
	204 Kameji	8/18					
	205 Nira	9/1					
6.	301 Delitus	8/7					
	302 Imp. Blue Rose	7/25					
	303 Fortuna	8/16					
	304 Kameji	7/19					
	305 Nira.	8/20					

US Crossing Mat.
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		1st Wind			Grain Color	Grain Length	AWNS	Shank	Color Lemna / pic. palea	Stigma
7	206 Shoemed	8/21								
	207 Rexoro									
	208 Caloro	8/4								
	209 81C	8/8								
	210 T.S. No. 7190	8/26								
8	306 Shoemed	8/6								
	307 Rexoro									
	308 Caloro	7/24								
	309 81C	7/23								
	310 T.S. No. 7190	8/12								
9	11 Black hull Red <u>Red</u>	7/24	6		R					
	12 Italian Red <u>Red</u>	7/27	9		R					
	13 Southern Red <u>Red</u> ^{C.I.} 6248	7/28	12		R					
	14 C.I. No. 6248 <u>C.I. 5309</u>	7/29	14						P	
	15 C.I. No. 5309 <u>C.I. 7357</u>	7/20	11						P	
	16 C.I. No. 7357 <u>Black hull Red</u>	7/31	24						P	

Covered

Covered

		1st Head	gram color	gain length	AWNS	Leaf Sheath	Color Hom m. spic. * pale yellow	Stem mas.
10.9t. Red	111 Blackhall Red	7/30	R					
Lo R.	112 Italian Red	8/6	R					
6248	113 Southern Red	8/9	R					
5309	114 C.I. No. 6248	8/12					P	
7357	115 C.I. No. 5309	8/31					P	
Blk/Hull	116 C.I. No. 7357	8/24					P	
11.	17 C.I. No. 5399	7/19					R	
	18 C.I. No. 3829	7/25 sent not 3829					gold	
	19 C.I. No. 5818	7/29					gold	
	20 C.I. No. 4554	8/18					strip	
	21 C.I. No. 3212	8/19					wh	
	22 C.I. No. 4074	8/21					wh	
12.	117 C.I. No. 5399	8/21					P	
	118 C.I. No. 3829						gold	
	119 C.I. No. 5818	8/8					gold	
	120 C.I. No. 4554						strip.	
	121 C.I. No. 3212						wh	
	122 C.I. No. 4074						wh.	

Covered

			1st Head	gram color	anther length	awns	leaf sheath	Color lemma + palea	apical stigma
13.	23	C.I. No. 5398	8/24					Br	
	24	C.I. No. 5810	8/8	Br				gold	
	25	C.I. No. 6011	8/17	Br.					
	26	C.I. No. 7253		Red					
	27	C.I. No. 4530	8/29	P					
	28	C.I. No. 3025	8/19	P					
14.	123	C.I. No. 5398	7/25					Br	
	124	C.I. No. 5810	7/24	Br.				gold	
	125	C.I. No. 6011	8/2	Br.					
	126	C.I. No. 7253	8/17	Red					
	127	C.I. No. 4530	8/10	P					
	128	C.I. No. 3025	8/7	P					
15.	29	C.I. No. 4011		P					
	30	C.I. No. 6993	7/17					Red	
	31	C.I. No. 6744	8/1					Red	
	32	C.I. No. 6121-3	8/14					Red	
	33	C.I. No. 5173	8/19					Red	

covered

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6		I	II	I	II		I			10 II				I		I	II		10					
7						I			I	11 I		I		II				I	11					
8		I	I	I	I	III	I		III	12 I		III	I	III				II	12					
9			I	III						13	I	I	I	II	I		I	III	13					
10	II	I	III	III	III	I	II		I	14 I	III	II	I	III	II	I	II	I	14					
11	I	II	I	II			III		II	15	III	I	II	II	III	II	I	I	15					
12	II	II			II				III	16 I	II	II	II	I	III	II	III	II	16	all				
13	III	I	I			II	I		II	17 III	III	I	III	III	II	I	I	I	17	II				
14	I		II	II						18	I	I				I	I	III	18	III				
15	III	I	I	I	I	II	I		I	19 II	I	I			II	II		all	19	II				
16	II		I	I	II					20 II		I	III	III	III	III	III	III	20	all				
17	II		II	I		III	III		I	21 III	II	II	III	II	II	I	II	II	21	II				
18	III	I	II	II		II			III	22 I	I	III	II			I	I	I	22	I				
19										23			I			I	I		23	II				
20	II	III	I	I	I				II	24		III		I	I	I	III		24	III				
21	II	II	I		III	II			III	25 III	I	III	I	II	III			II	25	all				
22	III	II	II	II		II			III	26			III	I	I	I	II		26	III				
23	I									27									27	II				
24										28		II	II						28					
25	I	I		I	I					29	I	I	I	III				II	29					
26	II									30	I	I		I	II				30					
27	I		I							31	I			all		I			31	I				
28	I	II	I		I	II	I			32	I	III	II						32	II				
29	all				II					33	I						I		33					
30										34			I						34					
31										35									35					
32										36									36					
33										37									37					
34										38									38					
35										39									39					
36										40									40					
37										41									41					
38										42									42					
39										43									43					
40										44									44					
41										45									45					
42										46									46					
43										47									47					
44										48									48					

S = Smooth
R = rough

4451

RG	RGP	SG	SGP
III	III	II	III
III	III	I	II
III	III		
III	III		
III	III		
III	III		
III	III		

4452

RG	RGP	SG	SGP
III	III	III	III
III	III		III
III	III		
III	III		
III	III		
III	III		
III	III		

4453

RG	RGP	SG	SGP
III	III	III	III
III	III		III
III	III		III
III	III		
III	III		
III	III		
III	III		

4454

RG	RGP	SG	SGP
III	III	III	III
III	III		III
III	III		II
III	III		
III	III		
III	III		

4455

RG	RGP	SG	SGP
III	III		III
III	III		II
III	III		
III	III		

4456

RG	RGP	SG	SGP
III	III	I	III
III	III		III
III	III		
III	III		
III	III		

4557

RG	RGP	SG	SGP
III	III	III	III
III	III	III	III
III	III		III
III	III		
III	III		
III	III		
III	III		

4558

RG	RGP	SG	SGP
III	III	II	III
III	III		III
III	III		
III	III		

69 213 24 77

3 9 1 3

3 rough white purple
 panicles found in
 cross, prob. natural
 crosses.

RG	RGP	SG	SGP	S.M.	SWR
III	III	III	III	I	III
III	III	III	III	II	III
III	III	III	III		III
III	III	III	III		III

4430

RG	RGP	SG	SGP	S.M.	SWR
III	III	III	III	II	III
III	III	III	III		III
III	III	III	III		III
III	III	III	III		III

4431

RG	RGP	SG	SGP	S.M.	SWR
III	III	III	III	I	III
III	III	III	III	III	III
III	III	III	III		III

4402

RG	RGP	RW	RWP	SG	SGP	SW	SWP
III	III		III	1		III	
III	III		III			II	
II			III				
			III				
			III				
			III				
			III				
12			III 39	1		7	(54)
			4403				
III	III		III	III		III	
III	III		III	II		III	
			III				
			III				
			III				
			III				
9			1 26	7		4	(42)
			4404				
III	III		III	III		III	
III	III		III			III	
			III				
			III				
			III				
10			III 25	3		10	(48)
			4405				
III	III		III	III		III	
III	III		III			III	
			III				
			III				
			III				
8			1 26	3		10	(42)
			4406				
III	III		III	III		III	
III	III		III			III	
III	III		III				
			III				
			III				
13			1 21	5		10	(49)
			4407				
III	III		III	II		III	
III	III		III			III	
			III				
			III				
			III				
9			1 26	2		8	(45)

4408

RG	RGP	RW	RWP	SG	SGP	SW	SWP
III	III		III	III		III	
III	III		III			III	
III	III		III				
II			III				
			III				
			III				
			III				
			III				
19			1 31	3		8	(59)
			4409				
III	III		III	III		III	
III	III		III			III	
			III				
			III				
			III				
			III				
			III				
9			11 27	4		8	(48)
			4410				
III	III		III	II		III	
III	III		III			III	
			III			II	
			III				
			III				
10			1 26	2		12	(50)
			4411				
III	III		III	III		III	
III	III		III	I		III	
III	III		III				
			III				
			III				
13			1 21	6		9	(42)
			4412				
III	III		III	III		III	
III	III		III			III	
III	III		III				
			III				
			III				
14			1 (21)	5		9	49
			4413				
III	III		III	II		III	
III	III		III			III	
III	III		III			I	
			III				
			III				
13			11 28	2		11	54

4414

RGP	RW	RWP	SG	SGP	SWP
11	111	111		111	
	111	1			
	111				
	111				
	111				
	111				
	11				
2	27		1		5
<u>138</u>	<u>339</u>		<u>44</u>		<u>111</u>
477		155 = 63			
		<u>3</u>			
		465			
588		- 44			

9
3
3
1

158 40

146 6332
450
188
138
124

277
34
6

7) 24 7.34

Dwarf plant 4402✓

4037✓

3132✓

4420✓

Has badly twisted leaf 4436 - 4th plant from end

Pls very short 4454 - 12th plant from North

Frond 4422 - 7th " " "

" 4526 - 6th " " "

" 4510 - an extreme north

" - 4426 - 9th plant from the north.

4402

4420

4422

4436

4454

4510

4526

4426

